

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032438.D
 Acq On : 30 Jan 2018 8:26
 Operator : SJ/JU
 Sample : PB106136BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106136BS

Quant Time: Jan 30 15:25:53 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25426	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	115768	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	93596	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	245491	20.00	ng	0.00
75) Chrysene-d12	22.42	240	280716	20.00	ng	0.00
86) Perylene-d12	26.10	264	303075	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	195588	154.51	ng	0.00
7) Phenol-d6	7.84	99	248984	147.40	ng	0.01
23) Nitrobenzene-d5	9.92	82	147519	79.59	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	131572	73.85	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	592599	75.25	ng	0.00
78) Terphenyl-d14	20.63	244	1172997	89.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	13349	31.342	ng	# 73
3) Pyridine	4.26	79	38963	33.880	ng	# 81
4) n-Nitrosodimethylamine	4.17	42	27554	46.026	ng	# 70
6) Aniline	8.02	93	22207	10.544	ng	95
8) 2-Chlorophenol	8.27	128	78956	52.766	ng	83
9) Benzaldehyde	7.82	77	28921	33.148	ng	83
10) Phenol	7.86	94	84669	52.781	ng	91
11) bis(2-Chloroethyl)ether	8.11	93	52736	43.145	ng	# 77
12) 1,3-Dichlorobenzene	8.61	146	79779	39.424	ng	94
13) 1,4-Dichlorobenzene	8.76	146	83168	41.005	ng	95
14) 1,2-Dichlorobenzene	9.09	146	81682	41.110	ng	95
15) Benzyl Alcohol	8.96	79	68485	49.192	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.25	45	49967	43.141	ng	76
17) 2-Methylphenol	9.16	107	62714	48.135	ng	# 87
18) Hexachloroethane	9.84	117	26307	38.631	ng	# 69
19) n-Nitroso-di-n-propylamine	9.53	70	47951	42.812	ng	# 90
20) 3+4-Methylphenols	9.49	107	86730	47.457	ng	95
22) Acetophenone	9.56	105	107665	39.674	ng	# 94
24) Nitrobenzene	9.96	77	74514	41.576	ng	92
25) Isophorone	10.49	82	140885	44.641	ng	# 80
26) 2-Nitrophenol	10.69	139	48963	45.193	ng	# 83
27) 2,4-Dimethylphenol	10.73	122	83117	53.450	ng	97
28) bis(2-Chloroethoxy)methane	10.97	93	82643	47.754	ng	96
29) 2,4-Dichlorophenol	11.23	162	106056	51.483	ng	92
30) 1,2,4-Trichlorobenzene	11.45	180	105473	38.415	ng	99
31) Naphthalene	11.65	128	232949	41.199	ng	98
33) 4-Chloroaniline	11.75	127	16965	6.727	ng	# 92
34) Hexachlorobutadiene	11.92	225	77756	36.400	ng	93
35) Caprolactam	12.49	113	29771	50.342	ng	# 50
36) 4-Chloro-3-methylphenol	12.83	107	98084	50.196	ng	# 83
37) 2-Methylnaphthalene	13.22	142	205808	43.326	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	164603	37.592	ng	# 96
40) Hexachlorocyclopentadiene	13.55	237	199133	72.787	ng	92
42) 2,4,6-Trichlorophenol	13.80	196	95580	40.130	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.88	196	112854	40.647	ng	# 92
45) 1,1'-Biphenyl	14.20	154	300216	37.966	ng	94
46) 2-Chloronaphthalene	14.25	162	240120	38.743	ng	97
47) 2-Nitroaniline	14.44	65	58670	42.807	ng	# 79
48) Acenaphthylene	15.09	152	363075	38.751	ng	98
49) Dimethylphthalate	14.79	163	337980	39.163	ng	99
50) 2,6-Dinitrotoluene	14.92	165	74625	41.199	ng	# 71
51) Acenaphthene	15.43	154	230549	35.480	ng	99
52) 3-Nitroaniline	15.24	138	25926	16.387	ng	# 74
53) 2,4-Dinitrophenol	15.45	184	895	4.855	ng	# 1
54) Dibenzofuran	15.75	168	395028	41.073	ng	96
55) 4-Nitrophenol	15.53	139	54683	46.167	ng	# 74
56) 2,4-Dinitrotoluene	15.70	165	108220	41.962	ng	# 68
57) Fluorene	16.40	166	321003	40.166	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	43440	15.863	ng	# 85
59) Diethylphthalate	16.13	149	333178	39.640	ng	98
60) 4-Chlorophenyl-phenylether	16.37	204	203164	40.313	ng	96
61) 4-Nitroaniline	16.41	138	68032	40.119	ng	80
62) Azobenzene	16.67	77	203697	40.553	ng	82
65) n-Nitrosodiphenylamine	16.58	169	300453	41.010	ng	98
66) 4-Bromophenyl-phenylether	17.27	248	154082	42.366	ng	97
67) Hexachlorobenzene	17.39	284	160417	39.857	ng	# 91
68) Atrazine	17.51	200	140657	44.724	ng	96
69) Pentachlorophenol	17.74	266	10769	4.271	ng	96
70) Phenanthrene	18.14	178	559441	40.864	ng	99
71) Anthracene	18.22	178	577146	42.339	ng	98
72) Carbazole	18.49	167	484481	40.225	ng	99
73) Di-n-butylphthalate	18.99	149	551765	41.377	ng	100
74) Fluoranthene	20.10	202	727270	40.508	ng	95
76) Benzidine	20.26	184	135228	24.533	ng	98
77) Pyrene	20.46	202	721377	41.898	ng	99
79) Butylbenzylphthalate	21.31	149	233498	42.995	ng	# 76
80) Benzo(a)anthracene	22.40	228	732172	42.072	ng	99
81) 3,3'-Dichlorobenzidine	22.29	252	79099	11.731	ng	# 96
82) Chrysene	22.48	228	687352	40.898	ng	97
83) Bis(2-ethylhexyl)phthalate	22.24	149	324383	42.126	ng	# 97
84) Di-n-octyl phthalate	23.61	149	554195	45.375	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.37	276	931663	43.820	ng	# 85
87) Benzo(b)fluoranthene	24.93	252	780875	42.642	ng	# 94
88) Benzo(k)fluoranthene	25.00	252	761641	41.985	ng	# 95
89) Benzo(a)pyrene	25.93	252	751453	43.043	ng	# 95
90) Dibenzo(a,h)anthracene	30.45	278	778781	43.606	ng	# 94
91) Benzo(g,h,i)perylene	31.71	276	778903	43.939	ng	# 90

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

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