

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018020.D
 Acq On : 21 Jul 2015 13:03
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 22 01:49:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	90198	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	385468	20.00	ng	-0.02
38) Acenaphthene-d10	14.23	164	232517	20.00	ng	-0.01
63) Phenanthrene-d10	16.98	188	478731	20.00	ng	-0.02
75) Chrysene-d12	21.19	240	502810	20.00	ng	-0.01
86) Perylene-d12	23.40	264	501576	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	384780	74.42	ng	-0.02
7) Phenol-d6	6.75	99	491690	72.59	ng	-0.01
23) Nitrobenzene-d5	8.72	82	443065	74.45	ng	-0.02
41) 2,4,6-Tribromophenol	15.73	330	219626	93.23	ng	-0.01
44) 2-Fluorobiphenyl	12.85	172	1053611	78.52	ng	-0.01
78) Terphenyl-d14	19.63	244	1585126	79.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	71866	31.62	ng	# 85
3) Pyridine	3.51	79	202809	33.39	ng	85
4) n-Nitrosodimethylamine	3.43	42	70783	30.70	ng	# 60
6) Aniline	6.91	93	323309	35.79	ng	92
8) 2-Chlorophenol	7.14	128	232068	38.07	ng	93
9) Benzaldehyde	6.71	77	143860	34.66	ng	89
10) Phenol	6.78	94	257261	35.58	ng	89
11) bis(2-Chloroethyl)ether	7.01	93	199607	35.29	ng	90
12) 1,3-Dichlorobenzene	7.45	146	251458m	37.57	ng	
13) 1,4-Dichlorobenzene	7.60	146	257070	37.47	ng	96
14) 1,2-Dichlorobenzene	7.92	146	243228	37.10	ng	98
15) Benzyl Alcohol	7.81	79	180883	36.10	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.11	45	206047	30.25	ng	95
17) 2-Methylphenol	8.02	107	183467	36.40	ng	97
18) Hexachloroethane	8.63	117	94159	36.33	ng	95
19) n-Nitroso-di-n-propylamine	8.38	70	167008	33.76	ng	# 84
20) 3+4-Methylphenols	8.35	107	255542	37.46	ng	98
22) Acetophenone	8.39	105	310794	37.33	ng	# 92
24) Nitrobenzene	8.76	77	234952	37.05	ng	# 86
25) Isophorone	9.29	82	461477	36.97	ng	95
26) 2-Nitrophenol	9.47	139	144527	47.77	ng	# 85
27) 2,4-Dimethylphenol	9.54	122	221516	40.25	ng	94
28) bis(2-Chloroethoxy)methane	9.77	93	253908	36.51	ng	98
29) 2,4-Dichlorophenol	10.00	162	216740	44.21	ng	96
30) 1,2,4-Trichlorobenzene	10.21	180	237565	40.78	ng	98
31) Naphthalene	10.40	128	718849	38.10	ng	99
32) Benzoic acid	9.70	122	137790	55.93	ng	91
33) 4-Chloroaniline	10.51	127	327530	38.95	ng	# 94
34) Hexachlorobutadiene	10.69	225	140338	42.75	ng	96
35) Caprolactam	11.31	113	101415	40.70	ng	83
36) 4-Chloro-3-methylphenol	11.66	107	223284	40.12	ng	93
37) 2-Methylnaphthalene	12.02	142	519298	38.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	254841	40.89	ng	# 97
40) Hexachlorocyclopentadiene	12.38	237	157831	46.44	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.65	196	181214	44.71	ng	99
43) 2,4,5-Trichlorophenol	12.72	196	189853	45.04	ng #	93
45) 1,1'-Biphenyl	13.06	154	632668	38.86	ng	98
46) 2-Chloronaphthalene	13.09	162	507879	38.50	ng	95
47) 2-Nitroaniline	13.31	65	134039	37.84	ng #	77
48) Acenaphthylene	13.95	152	852917	38.77	ng	100
49) Dimethylphthalate	13.70	163	641848	39.74	ng	99
50) 2,6-Dinitrotoluene	13.82	165	154918	42.32	ng #	80
51) Acenaphthene	14.30	154	505262	37.92	ng	100
52) 3-Nitroaniline	14.15	138	172559	41.94	ng	88
53) 2,4-Dinitrophenol	14.36	184	85133	54.03	ng #	87
54) Dibenzofuran	14.63	168	734524	38.21	ng	97
55) 4-Nitrophenol	14.47	139	136128	41.82	ng #	78
56) 2,4-Dinitrotoluene	14.61	165	211417	43.07	ng #	84
57) Fluorene	15.29	166	635710	38.47	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.87	232	160942	44.29	ng	93
59) Diethylphthalate	15.07	149	651814	38.96	ng	99
60) 4-Chlorophenyl-phenylether	15.29	204	322143	39.76	ng	93
61) 4-Nitroaniline	15.32	138	184317	38.24	ng	86
62) Azobenzene	15.58	77	508922	32.92	ng	87
64) 4,6-Dinitro-2-methylphenol	15.37	198	134877	51.46	ng	81
65) n-Nitrosodiphenylamine	15.50	169	565152	39.26	ng	99
66) 4-Bromophenyl-phenylether	16.18	248	199613	41.61	ng	93
67) Hexachlorobenzene	16.29	284	218466	41.03	ng	92
68) Atrazine	16.47	200	197910	41.86	ng	98
69) Pentachlorophenol	16.64	266	136378	48.43	ng	98
70) Phenanthrene	17.02	178	932165	37.75	ng	100
71) Anthracene	17.12	178	938507	39.06	ng	98
72) Carbazole	17.39	167	873079	38.46	ng	99
73) Di-n-butylphthalate	17.97	149	1119094	40.22	ng	98
74) Fluoranthene	19.06	202	1057486	39.12	ng	97
76) Benzidine	19.25	184	576295	40.36	ng	98
77) Pyrene	19.42	202	1069834	38.15	ng	99
79) Butylbenzylphthalate	20.34	149	520777	41.47	ng	85
80) Benzo(a)anthracene	21.17	228	1038946	39.12	ng	99
81) 3,3'-Dichlorobenzidine	21.11	252	425409	44.17	ng #	97
82) Chrysene	21.23	228	980740	38.77	ng	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	718439	41.54	ng	96
84) Di-n-octyl phthalate	21.98	149	1188576	43.63	ng #	89
85) Indeno(1,2,3-cd)pyrene	25.65	276	1217959	39.82	ng	96
87) Benzo(b)fluoranthene	22.74	252	1099698	40.07	ng	97
88) Benzo(k)fluoranthene	22.78	252	992118	36.20	ng	97
89) Benzo(a)pyrene	23.30	252	992891	38.83	ng	98
90) Dibenzo(a,h)anthracene	25.66	278	1036680	39.10	ng	96
91) Benzo(g,h,i)perylene	26.34	276	994707	38.91	ng	97

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

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