

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022632.D
 Acq On : 27 Jun 2016 6:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 27 07:30:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	170925	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	696624	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	503363	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1239274	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1370808	20.00	ng	0.00
86) Perylene-d12	25.21	264	1451676	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	794490	74.55	ng	0.00
7) Phenol-d6	7.31	99	1170189	77.90	ng	0.00
23) Nitrobenzene-d5	9.34	82	1285701	78.11	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	666898	84.23	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2389372	75.28	ng	0.00
78) Terphenyl-d14	20.15	244	3311616	64.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	164149	38.01	ng	# 94
3) Pyridine	3.99	79	530669	43.92	ng	90
4) n-Nitrosodimethylamine	3.90	42	246869	35.72	ng	95
6) Aniline	7.49	93	830988	41.73	ng	94
8) 2-Chlorophenol	7.72	128	428488	38.82	ng	99
9) Benzaldehyde	7.29	77	253187	47.90	ng	90
10) Phenol	7.34	94	634120	39.94	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	475500	36.38	ng	95
12) 1,3-Dichlorobenzene	8.05	146	498873	37.14	ng	97
13) 1,4-Dichlorobenzene	8.20	146	508970	37.79	ng	96
14) 1,2-Dichlorobenzene	8.52	146	483397	37.75	ng	99
15) Benzyl Alcohol	8.40	79	582763	41.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	536043	37.09	ng	97
17) 2-Methylphenol	8.60	107	407868	38.98	ng	94
18) Hexachloroethane	9.25	117	210853	37.83	ng	90
19) n-Nitroso-di-n-propylamine	8.97	70	485860	38.84	ng	97
20) 3+4-Methylphenols	8.93	107	566580	39.31	ng	96
22) Acetophenone	8.99	105	783740	38.92	ng	# 94
24) Nitrobenzene	9.38	77	698776	38.41	ng	# 92
25) Isophorone	9.90	82	1226367	38.38	ng	98
26) 2-Nitrophenol	10.09	139	274258	41.85	ng	93
27) 2,4-Dimethylphenol	10.14	122	460402	36.77	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	675626	38.73	ng	99
29) 2,4-Dichlorophenol	10.63	162	510331	41.84	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	564047	38.95	ng	97
31) Naphthalene	11.04	128	1341472	38.31	ng	99
32) Benzoic acid	10.29	122	366706	45.15	ng	92
33) 4-Chloroaniline	11.15	127	654781	43.41	ng	97
34) Hexachlorobutadiene	11.32	225	438385	38.94	ng	95
35) Caprolactam	11.93	113	180795	47.05	ng	# 85
36) 4-Chloro-3-methylphenol	12.26	107	628815	42.00	ng	96
37) 2-Methylnaphthalene	12.63	142	1075104	39.59	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	717069	37.73	ng	98
40) Hexachlorocyclopentadiene	12.97	237	526578	34.71	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	496128	40.71	ng	93
43) 2,4,5-Trichlorophenol	13.30	196	530148	41.58	ng	97
45) 1,1'-Biphenyl	13.63	154	1438544	37.52	ng	96
46) 2-Chloronaphthalene	13.68	162	1191621	37.77	ng	95
47) 2-Nitroaniline	13.88	65	482897	39.65	ng	91
48) Acenaphthylene	14.53	152	1723155	37.65	ng	98
49) Dimethylphthalate	14.25	163	1555022	37.24	ng	97
50) 2,6-Dinitrotoluene	14.37	165	369845	40.76	ng	83
51) Acenaphthene	14.87	154	1145458	33.98	ng	99
52) 3-Nitroaniline	14.70	138	360564	42.47	ng	97
53) 2,4-Dinitrophenol	14.90	184	230472	41.24	ng	95
54) Dibenzofuran	15.19	168	1815625	37.18	ng	98
55) 4-Nitrophenol	15.00	139	299621	41.73	ng	97
56) 2,4-Dinitrotoluene	15.15	165	538978	42.88	ng	# 92
57) Fluorene	15.85	166	1488935	38.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	554988m	41.98	ng	
59) Diethylphthalate	15.61	149	1598836	37.24	ng	95
60) 4-Chlorophenyl-phenylether	15.83	204	896594	38.65	ng	98
61) 4-Nitroaniline	15.86	138	369861	42.22	ng	# 83
62) Azobenzene	16.13	77	1705065	36.68	ng	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	346422	41.68	ng	95
65) n-Nitrosodiphenylamine	16.05	169	1390757	38.56	ng	96
66) 4-Bromophenyl-phenylether	16.73	248	615408	38.28	ng	95
67) Hexachlorobenzene	16.85	284	673990	39.65	ng	98
68) Atrazine	17.00	200	626073	41.12	ng	99
69) Pentachlorophenol	17.20	266	467325	39.95	ng	98
70) Phenanthrene	17.60	178	2373060	37.55	ng	94
71) Anthracene	17.69	178	2443158	37.56	ng	95
72) Carbazole	17.96	167	2124693	38.53	ng	98
73) Di-n-butylphthalate	18.51	149	2429633	37.84	ng	97
74) Fluoranthene	19.60	202	2761039	37.92	ng	93
76) Benzidine	19.78	184	951075	65.17	ng	99
77) Pyrene	19.97	202	2765695	37.88	ng	# 93
79) Butylbenzylphthalate	20.84	149	1232412	38.99	ng	94
80) Benzo(a)anthracene	21.83	228	2960200	39.03	ng	97
81) 3,3'-Dichlorobenzidine	21.74	252	1219634	38.93	ng	96
82) Chrysene	21.90	228	2773276m	38.91	ng	
83) Bis(2-ethylhexyl)phthalate	21.72	149	1662776	37.36	ng	96
84) Di-n-octyl phthalate	22.98	149	2708702	36.93	ng	99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3715664	39.67	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	3282190	37.60	ng	# 97
88) Benzo(k)fluoranthene	24.21	252	3072897	37.24	ng	# 95
89) Benzo(a)pyrene	25.06	252	3192690	37.52	ng	# 95
90) Dibenzo(a,h)anthracene	29.15	278	3111977	38.85	ng	# 98
91) Benzo(g,h,i)perylene	30.29	276	3079945	37.77	ng	96

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

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