

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022597.D
 Acq On : 26 Jun 2016 6:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 16:03:40 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	8.17	152	135395	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	581438	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	429564	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1102364	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1248554	20.00	ng	0.00
86) Perylene-d12	25.21	264	1327621	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	661748	78.39	ng	0.00
7) Phenol-d6	7.31	99	968439	81.39	ng	0.00
23) Nitrobenzene-d5	9.34	82	1067304	77.69	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	570584	84.45	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2066145	76.28	ng	0.00
78) Terphenyl-d14	20.16	244	3115016	66.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	124231	36.31	ng	95
3) Pyridine	3.99	79	424155	44.32	ng	92
4) n-Nitrosodimethylamine	3.90	42	204563	37.37	ng	97
6) Aniline	7.48	93	677362	42.94	ng	96
8) 2-Chlorophenol	7.73	128	347410	39.73	ng	94
9) Benzaldehyde	7.30	77	196185	46.85	ng	96
10) Phenol	7.34	94	520980	41.43	ng	89
11) bis(2-Chloroethyl)ether	7.58	93	387990	37.48	ng	92
12) 1,3-Dichlorobenzene	8.05	146	406802	38.23	ng	98
13) 1,4-Dichlorobenzene	8.20	146	403546	37.83	ng	97
14) 1,2-Dichlorobenzene	8.52	146	382594	37.72	ng	97
15) Benzyl Alcohol	8.40	79	491439	44.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	444367	38.81	ng	97
17) 2-Methylphenol	8.60	107	342427	41.31	ng	89
18) Hexachloroethane	9.25	117	167953	38.04	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	396400	40.00	ng	97
20) 3+4-Methylphenols	8.93	107	476745	41.75	ng	97
22) Acetophenone	8.99	105	645000	38.37	ng	# 97
24) Nitrobenzene	9.38	77	586407	38.62	ng	95
25) Isophorone	9.91	82	1034706	38.80	ng	99
26) 2-Nitrophenol	10.09	139	226884	41.48	ng	87
27) 2,4-Dimethylphenol	10.14	122	380516	36.41	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	561012	38.53	ng	99
29) 2,4-Dichlorophenol	10.63	162	422338	41.49	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	464414	38.42	ng	96
31) Naphthalene	11.04	128	1118656	38.27	ng	99
32) Benzoic acid	10.27	122	290630	43.13	ng	93
33) 4-Chloroaniline	11.15	127	547707	43.51	ng	98
34) Hexachlorobutadiene	11.32	225	367309	39.09	ng	93
35) Caprolactam	11.93	113	148725	46.38	ng	94
36) 4-Chloro-3-methylphenol	12.25	107	534801	42.79	ng	97
37) 2-Methylnaphthalene	12.63	142	885402	39.06	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	596011	36.75	ng	99
40) Hexachlorocyclopentadiene	12.97	237	450685	34.81	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	410319	39.46	ng	92
43) 2,4,5-Trichlorophenol	13.30	196	437272	40.19	ng	96
45) 1,1'-Biphenyl	13.63	154	1215819	37.15	ng	98
46) 2-Chloronaphthalene	13.68	162	997671	37.05	ng	95
47) 2-Nitroaniline	13.88	65	425420	40.93	ng	92
48) Acenaphthylene	14.52	152	1498035	38.36	ng	98
49) Dimethylphthalate	14.25	163	1361053	38.19	ng	# 96
50) 2,6-Dinitrotoluene	14.37	165	305925	39.51	ng	90
51) Acenaphthene	14.86	154	1023591	35.58	ng	99
52) 3-Nitroaniline	14.70	138	312002	43.06	ng	94
53) 2,4-Dinitrophenol	14.90	184	213367	44.74	ng	93
54) Dibenzofuran	15.20	168	1604998	38.52	ng	99
55) 4-Nitrophenol	14.99	139	264295	43.14	ng	93
56) 2,4-Dinitrotoluene	15.15	165	462837	43.15	ng	95
57) Fluorene	15.85	166	1306565	39.29	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	478471	42.41	ng	# 100
59) Diethylphthalate	15.61	149	1420884	38.79	ng	95
60) 4-Chlorophenyl-phenylether	15.84	204	764191	38.60	ng	96
61) 4-Nitroaniline	15.87	138	317611	42.49	ng	# 87
62) Azobenzene	16.13	77	1513040	38.14	ng	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	309772	41.90	ng	96
65) n-Nitrosodiphenylamine	16.05	169	1241469	38.70	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	540883	37.82	ng	96
67) Hexachlorobenzene	16.86	284	578005	38.22	ng	96
68) Atrazine	17.00	200	546651	40.36	ng	99
69) Pentachlorophenol	17.20	266	409629	39.36	ng	98
70) Phenanthrene	17.60	178	2141723	38.10	ng	96
71) Anthracene	17.69	178	2189779	37.85	ng	97
72) Carbazole	17.96	167	1918488	39.12	ng	97
73) Di-n-butylphthalate	18.51	149	2228524	39.02	ng	97
74) Fluoranthene	19.61	202	2571452	39.70	ng	96
76) Benzidine	19.78	184	572568	43.07	ng	98
77) Pyrene	19.96	202	2577398	38.76	ng	96
79) Butylbenzylphthalate	20.84	149	1125876	39.11	ng	98
80) Benzo(a)anthracene	21.83	228	2696658	39.03	ng	97
81) 3,3'-Dichlorobenzidine	21.74	252	1078967	37.81	ng	98
82) Chrysene	21.90	228	2557261	39.39	ng	95
83) Bis(2-ethylhexyl)phthalate	21.73	149	1483764	36.61	ng	99
84) Di-n-octyl phthalate	22.98	149	2516701	37.67	ng	98
85) Indeno(1,2,3-cd)pyrene	29.07	276	3404258	39.90	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	2985668m	37.40	ng	
88) Benzo(k)fluoranthene	24.22	252	2805578	37.18	ng	# 96
89) Benzo(a)pyrene	25.05	252	2892611	37.17	ng	# 96
90) Dibenzo(a,h)anthracene	29.13	278	2801834	38.24	ng	# 95
91) Benzo(g,h,i)perylene	30.28	276	2764696	37.07	ng	# 96

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

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