

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022697.D
 Acq On : 29 Jun 2016 5:07
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 29 05:44:23 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	137451	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	559383	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	400714	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1020807	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1144559	20.00	ng	0.00
86) Perylene-d12	25.21	264	1181347	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	652730	76.17	ng	0.00
7) Phenol-d6	7.30	99	963667	79.78	ng	0.00
23) Nitrobenzene-d5	9.33	82	1027603	77.75	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	534567	84.82	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2029266	80.31	ng	0.00
78) Terphenyl-d14	20.15	244	2972178	68.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	131676	37.91	ng	# 93
3) Pyridine	3.99	79	429811	44.24	ng	# 89
4) n-Nitrosodimethylamine	3.90	42	187712	33.78	ng	99
6) Aniline	7.48	93	672603	42.00	ng	95
8) 2-Chlorophenol	7.72	128	337366	38.01	ng	98
9) Benzaldehyde	7.29	77	196255	46.17	ng	88
10) Phenol	7.33	94	509107	39.88	ng	91
11) bis(2-Chloroethyl)ether	7.57	93	382645	36.41	ng	99
12) 1,3-Dichlorobenzene	8.05	146	395456	36.61	ng	95
13) 1,4-Dichlorobenzene	8.20	146	415306	38.35	ng	91
14) 1,2-Dichlorobenzene	8.52	146	388696	37.74	ng	97
15) Benzyl Alcohol	8.40	79	462110	41.35	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	421511	36.26	ng	98
17) 2-Methylphenol	8.60	107	329873	39.20	ng	96
18) Hexachloroethane	9.25	117	167476	37.36	ng	92
19) n-Nitroso-di-n-propylamine	8.97	70	370867	36.87	ng	95
20) 3+4-Methylphenols	8.92	107	461449	39.81	ng	93
22) Acetophenone	8.99	105	627119	38.78	ng	# 91
24) Nitrobenzene	9.38	77	556771	38.12	ng	92
25) Isophorone	9.89	82	981024	38.24	ng	98
26) 2-Nitrophenol	10.09	139	230482	43.80	ng	# 83
27) 2,4-Dimethylphenol	10.14	122	363173	36.12	ng	91
28) bis(2-Chloroethoxy)methane	10.38	93	551352	39.36	ng	98
29) 2,4-Dichlorophenol	10.62	162	415091	42.38	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	455459	39.16	ng	99
31) Naphthalene	11.03	128	1098922	39.08	ng	99
32) Benzoic acid	10.26	122	274541	42.44	ng	96
33) 4-Chloroaniline	11.14	127	526025	43.43	ng	93
34) Hexachlorobutadiene	11.32	225	361300	39.97	ng	96
35) Caprolactam	11.91	113	134025	43.44	ng	# 89
36) 4-Chloro-3-methylphenol	12.24	107	504588	41.97	ng	95
37) 2-Methylnaphthalene	12.63	142	863723	39.61	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	589263	38.95	ng	98
40) Hexachlorocyclopentadiene	12.97	237	407735	33.76	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	394977	40.72	nq	97
43) 2,4,5-Trichlorophenol	13.30	196	417214	41.10	nq	92
45) 1,1'-Biphenyl	13.63	154	1167394	38.24	nq	98
46) 2-Chloronaphthalene	13.67	162	964488	38.40	nq	94
47) 2-Nitroaniline	13.87	65	382122	39.41	nq	88
48) Acenaphthylene	14.52	152	1406107	38.60	nq	100
49) Dimethylphthalate	14.24	163	1280150	38.51	nq	97
50) 2,6-Dinitrotoluene	14.37	165	289060	40.02	nq	# 84
51) Acenaphthene	14.86	154	941492	35.08	nq	97
52) 3-Nitroaniline	14.70	138	279326	41.33	nq	84
53) 2,4-Dinitrophenol	14.90	184	174119	39.14	nq	95
54) Dibenzofuran	15.19	168	1512939	38.92	nq	99
55) 4-Nitrophenol	14.99	139	230924	40.40	nq	94
56) 2,4-Dinitrotoluene	15.15	165	423986	42.37	nq	# 91
57) Fluorene	15.85	166	1212897	39.10	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	450995	42.85	nq	# 97
59) Diethylphthalate	15.60	149	1310910	38.36	nq	96
60) 4-Chlorophenyl-phenylether	15.83	204	738145	39.97	nq	97
61) 4-Nitroaniline	15.86	138	288461	41.36	nq	# 86
62) Azobenzene	16.13	77	1354896	36.61	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	278869	40.73	nq	92
65) n-Nitrosodiphenylamine	16.05	169	1142279	38.45	nq	96
66) 4-Bromophenyl-phenylether	16.73	248	500699	37.81	nq	97
67) Hexachlorobenzene	16.86	284	553465	39.53	nq	94
68) Atrazine	17.00	200	496840	39.61	nq	98
69) Pentachlorophenol	17.20	266	364173	37.79	nq	94
70) Phenanthrene	17.60	178	1978726	38.01	nq	96
71) Anthracene	17.69	178	2025336	37.80	nq	97
72) Carbazole	17.96	167	1761550	38.79	nq	100
73) Di-n-butylphthalate	18.51	149	2045241	38.67	nq	99
74) Fluoranthene	19.60	202	2342527	39.06	nq	98
76) Benzidine	19.78	184	763577	62.66	nq	97
77) Pyrene	19.96	202	2379393	39.03	nq	99
79) Butylbenzylphthalate	20.83	149	1002205	37.98	nq	97
80) Benzo(a)anthracene	21.83	228	2527182	39.90	nq	99
81) 3,3'-Dichlorobenzidine	21.74	252	1007884	38.53	nq	99
82) Chrysene	21.90	228	2347218	39.44	nq	96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1353326	36.42	nq	99
84) Di-n-octyl phthalate	22.97	149	2284766	37.30	nq	97
85) Indeno(1,2,3-cd)pyrene	29.05	276	3032989	38.78	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	2762671	38.89	nq	99
88) Benzo(k)fluoranthene	24.21	252	2583965	38.48	nq	# 96
89) Benzo(a)pyrene	25.05	252	2658556	38.39	nq	# 98
90) Dibenzo(a,h)anthracene	29.12	278	2508368	38.48	nq	# 95
91) Benzo(g,h,i)perylene	30.26	276	2501995	37.70	nq	# 95

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

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