

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022347.D
 Acq On : 14 Jun 2016 23:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 15 02:27:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27568	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	151370	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	93493	20.00	ng	-0.01
63) Phenanthrene-d10	17.45	188	187758	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	158810	20.00	ng	-0.01
86) Perylene-d12	25.00	264	142368	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	124923	87.61	ng	-0.02
7) Phenol-d6	7.24	99	198680	88.62	ng	-0.01
23) Nitrobenzene-d5	9.25	82	192771	88.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	70398	66.64	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	497810	81.14	ng	-0.01
78) Terphenyl-d14	20.05	244	551614	82.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	22524	32.95	ng	# 80
3) Pyridine	3.86	79	76373	41.34	ng	92
4) n-Nitrosodimethylamine	3.78	42	20118	48.70	ng	# 88
6) Aniline	7.39	93	129482	45.46	ng	# 85
8) 2-Chlorophenol	7.63	128	82578	41.90	ng	83
9) Benzaldehyde	7.21	77	47388	38.40	ng	# 73
10) Phenol	7.26	94	104165	45.07	ng	84
11) bis(2-Chloroethyl)ether	7.48	93	81002	43.95	ng	# 76
12) 1,3-Dichlorobenzene	7.96	146	82531	39.07	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	83559	39.70	ng	89
14) 1,2-Dichlorobenzene	8.43	146	83237	39.23	ng	94
15) Benzyl Alcohol	8.31	79	68006	46.95	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.60	45	88220	46.14	ng	84
17) 2-Methylphenol	8.52	107	78223	45.35	ng	# 86
18) Hexachloroethane	9.16	117	31187	40.58	ng	84
19) n-Nitroso-di-n-propylamine	8.88	70	70797	46.65	ng	# 70
20) 3+4-Methylphenols	8.85	107	107905	43.62	ng	96
22) Acetophenone	8.90	105	137883	42.27	ng	# 83
24) Nitrobenzene	9.29	77	94915	43.47	ng	# 84
25) Isophorone	9.81	82	206791	40.71	ng	94
26) 2-Nitrophenol	10.00	139	53801	45.44	ng	# 78
27) 2,4-Dimethylphenol	10.06	122	91270	42.59	ng	93
28) bis(2-Chloroethoxy)methane	10.29	93	120496	41.40	ng	95
29) 2,4-Dichlorophenol	10.55	162	85305	42.97	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	86751	39.11	ng	93
31) Naphthalene	10.94	128	297405	39.36	ng	# 94
32) Benzoic acid	10.20	122	23530	36.65	ng	92
33) 4-Chloroaniline	11.06	127	133611	42.53	ng	# 91
34) Hexachlorobutadiene	11.22	225	43548	36.57	ng	98
35) Caprolactam	11.83	113	36184	33.23	ng	# 55
36) 4-Chloro-3-methylphenol	12.18	107	101966	43.33	ng	88
37) 2-Methylnaphthalene	12.54	142	222657	39.92	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	94374	39.21	ng	98
40) Hexachlorocyclopentadiene	12.88	237	24177	23.58	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	67983	42.11	nq	91
43) 2,4,5-Trichlorophenol	13.24	196	74981	42.04	nq	94
45) 1,1'-Biphenyl	13.54	154	289675	41.17	nq	96
46) 2-Chloronaphthalene	13.59	162	221796	41.12	nq	97
47) 2-Nitroaniline	13.80	65	57235	44.50	nq	# 64
48) Acenaphthylene	14.43	152	373274	39.44	nq	98
49) Dimethylphthalate	14.16	163	292261	37.70	nq	99
50) 2,6-Dinitrotoluene	14.29	165	66377	39.39	nq	# 82
51) Acenaphthene	14.78	154	222257	39.20	nq	97
52) 3-Nitroaniline	14.62	138	67289	36.00	nq	# 80
53) 2,4-Dinitrophenol	14.85	184	15371	30.21	nq	# 71
54) Dibenzofuran	15.10	168	344183	38.90	nq	100
55) 4-Nitrophenol	14.95	139	38090	29.53	nq	# 77
56) 2,4-Dinitrotoluene	15.08	165	87049	38.51	nq	# 83
57) Fluorene	15.76	166	285986	37.52	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.34	232	56896	35.56	nq	95
59) Diethylphthalate	15.51	149	295238	35.65	nq	98
60) 4-Chlorophenyl-phenylether	15.74	204	131402	38.07	nq	93
61) 4-Nitroaniline	15.79	138	61258	30.90	nq	# 81
62) Azobenzene	16.03	77	255828	40.80	nq	90
64) 4,6-Dinitro-2-methylphenol	15.85	198	34165	37.27	nq	# 83
65) n-Nitrosodiphenylamine	15.96	169	239079	44.20	nq	97
66) 4-Bromophenyl-phenylether	16.64	248	73525	41.79	nq	96
67) Hexachlorobenzene	16.76	284	81284	39.64	nq	98
68) Atrazine	16.90	200	72843	36.38	nq	96
69) Pentachlorophenol	17.11	266	25057	31.45	nq	97
70) Phenanthrene	17.50	178	403081	39.53	nq	98
71) Anthracene	17.59	178	405737	40.12	nq	97
72) Carbazole	17.86	167	351667	36.71	nq	98
73) Di-n-butylphthalate	18.39	149	464055	37.06	nq	99
74) Fluoranthene	19.50	202	418045	35.66	nq	96
76) Benzidine	19.68	184	164779	39.68	nq	98
77) Pyrene	19.86	202	411230	41.65	nq	100
79) Butylbenzylphthalate	20.73	149	207902	45.41	nq	# 92
80) Benzo(a)anthracene	21.71	228	354554	39.81	nq	99
81) 3,3'-Dichlorobenzidine	21.62	252	99590	39.83	nq	97
82) Chrysene	21.77	228	344645	39.77	nq	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	296229	44.00	nq	95
84) Di-n-octyl phthalate	22.80	149	495725	44.34	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.74	276	363463	37.39	nq	# 85
87) Benzo(b)fluoranthene	23.95	252	331425	39.92	nq	# 97
88) Benzo(k)fluoranthene	24.02	252	325380	39.81	nq	# 97
89) Benzo(a)pyrene	24.84	252	324437	40.86	nq	# 95
90) Dibenzo(a,h)anthracene	28.79	278	300174	40.15	nq	# 92
91) Benzo(g,h,i)perylene	29.91	276	305369	39.25	nq	# 92

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

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