

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027408.D
 Acq On : 14 Jun 2017 5:44
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 14 07:58:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	54640	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	260306	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	158647	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	378705	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	462856	20.00	ng	-0.06
86) Perylene-d12	25.93	264	428319	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.14	112	334824	93.51	ng	-0.02
7) Phenol-d6	7.68	99	487386	92.73	ng	-0.02
23) Nitrobenzene-d5	9.71	82	421372	101.80	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	202288	96.83	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	918593	81.00	ng	-0.04
78) Terphenyl-d14	20.45	244	1513150	83.40	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.16	88	71796	48.36	ng	# 87
3) Pyridine	4.54	79	207288	45.29	ng	# 80
4) n-Nitrosodimethylamine	4.45	42	87795	51.81	ng	# 55
6) Aniline	7.88	93	265298	40.08	ng	97
8) 2-Chlorophenol	8.11	128	165678	43.82	ng	96
9) Benzaldehyde	7.69	77	150599	41.44	ng	89
10) Phenol	7.71	94	248832	46.29	ng	78
11) bis(2-Chloroethyl)ether	7.95	93	194377	44.08	ng	91
12) 1,3-Dichlorobenzene	8.44	146	176702	41.44	ng	96
13) 1,4-Dichlorobenzene	8.59	146	179034	40.91	ng	99
14) 1,2-Dichlorobenzene	8.91	146	175022	41.00	ng	95
15) Benzyl Alcohol	8.78	79	148297	40.04	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	9.06	45	322945	51.18	ng	95
17) 2-Methylphenol	8.96	107	164897	43.40	ng	# 88
18) Hexachloroethane	9.64	117	66393	45.03	ng	# 84
19) n-Nitroso-di-n-propylamine	9.34	70	167221	45.48	ng	87
20) 3+4-Methylphenols	9.29	107	228242	43.37	ng	89
22) Acetophenone	9.36	105	284397	42.72	ng	# 87
24) Nitrobenzene	9.75	77	237338	50.33	ng	92
25) Isophorone	10.27	82	439002	45.11	ng	# 97
26) 2-Nitrophenol	10.46	139	88334	45.82	ng	# 85
27) 2,4-Dimethylphenol	10.50	122	177240	42.35	ng	94
28) bis(2-Chloroethoxy)methane	10.74	93	266430	42.28	ng	99
29) 2,4-Dichlorophenol	11.00	162	159562	41.77	ng	97
30) 1,2,4-Trichlorobenzene	11.22	180	169898	40.16	ng	96
31) Naphthalene	11.41	128	575353	40.44	ng	99
32) Benzoic acid	10.61	122	108269	39.18	ng	# 86
33) 4-Chloroaniline	11.51	127	231751	39.09	ng	92
34) Hexachlorobutadiene	11.68	225	106074	40.80	ng	97
35) Caprolactam	12.28	113	65195	49.76	ng	96
36) 4-Chloro-3-methylphenol	12.58	107	212064	44.29	ng	96
37) 2-Methylnaphthalene	12.98	142	407062	39.23	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.34	216	200357	40.54	ng	99
40) Hexachlorocyclopentadiene	13.31	237	110746	42.10	ng	96

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42) 2,4,6-Trichlorophenol	13.56	196	132677	44.26	nq	97
43) 2,4,5-Trichlorophenol	13.64	196	151027	45.02	nq	96
45) 1,1'-Biphenyl	13.96	154	525799	40.60	nq	96
46) 2-Chloronaphthalene	14.01	162	400198	41.22	nq	96
47) 2-Nitroaniline	14.21	65	155365	55.09	nq	92
48) Acenaphthylene	14.85	152	677924	41.26	nq	98
49) Dimethylphthalate	14.56	163	515179	40.94	nq	98
50) 2,6-Dinitrotoluene	14.69	165	113452	44.80	nq	82
51) Acenaphthene	15.19	154	454818	42.56	nq	99
52) 3-Nitroaniline	15.02	138	124074	46.47	nq	98
53) 2,4-Dinitrophenol	15.22	184	61717	57.70	nq	# 76
54) Dibenzofuran	15.52	168	604888	40.50	nq	94
55) 4-Nitrophenol	15.30	139	103287	46.25	nq	# 63
56) 2,4-Dinitrotoluene	15.47	165	158502	48.39	nq	# 92
57) Fluorene	16.17	166	542870	40.92	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.74	232	130246	43.50	nq	96
59) Diethylphthalate	15.91	149	538530	42.90	nq	97
60) 4-Chlorophenyl-phenylether	16.15	204	270605	40.50	nq	94
61) 4-Nitroaniline	16.19	138	135239	49.61	nq	# 71
62) Azobenzene	16.44	77	563939	48.47	nq	89
64) 4,6-Dinitro-2-methylphenol	16.23	198	92671	53.05	nq	91
65) n-Nitrosodiphenylamine	16.36	169	471536	39.72	nq	99
66) 4-Bromophenyl-phenylether	17.04	248	177008	39.49	nq	92
67) Hexachlorobenzene	17.17	284	194548	40.35	nq	91
68) Atrazine	17.30	200	162546	40.94	nq	97
69) Pentachlorophenol	17.51	266	124075	43.91	nq	97
70) Phenanthrene	17.92	178	859679	40.35	nq	95
71) Anthracene	18.01	178	884126	41.42	nq	98
72) Carbazole	18.27	167	879349	43.68	nq	96
73) Di-n-butylphthalate	18.79	149	961173	49.23	nq	# 95
74) Fluoranthene	19.90	202	1035714	45.50	nq	93
76) Benzidine	20.07	184	291525	20.91	nq	97
77) Pyrene	20.27	202	1070899	38.29	nq	97
79) Butylbenzylphthalate	21.15	149	433454	43.86	nq	93
80) Benzo(a)anthracene	22.23	228	1098045	41.60	nq	96
81) 3,3'-Dichlorobenzidine	22.13	252	403018	39.25	nq	# 97
82) Chrysene	22.31	228	1031480	40.70	nq	97
83) Bis(2-ethylhexyl)phthalate	22.08	149	636598	42.63	nq	97
84) Di-n-octyl phthalate	23.46	149	1069143	43.23	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.16	276	1271247	41.42	nq	# 89
87) Benzo(b)fluoranthene	24.75	252	1111838	41.86	nq	# 96
88) Benzo(k)fluoranthene	24.83	252	1109309	42.57	nq	# 95
89) Benzo(a)pyrene	25.76	252	1048853	41.94	nq	# 93
90) Dibenzo(a,h)anthracene	30.23	278	1110354	42.42	nq	# 95
91) Benzo(g,h,i)perylene	31.49	276	1055219	41.62	nq	# 92

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

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