

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027701.D
 Acq On : 27 Jun 2017 16:36
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 28 01:10:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13341	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	70592	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	49527	20.00	ng	-0.02
63) Phenanthrene-d10	17.83	188	131040	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	154626	20.00	ng	-0.03
86) Perylene-d12	25.81	264	138523	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.07	112	70580	75.29	ng	-0.02
7) Phenol-d6	7.63	99	109378	78.82	ng	-0.02
23) Nitrobenzene-d5	9.65	82	122188	81.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	67716	91.71	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	315452	87.00	ng	-0.02
78) Terphenyl-d14	20.40	244	575285	87.66	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.07	88	12242	33.64	ng	# 79
3) Pyridine	4.45	79	37927	32.19	ng	84
4) n-Nitrosodimethylamine	4.37	42	22904	42.60	ng	# 93
6) Aniline	7.81	93	61831	36.51	ng	94
8) 2-Chlorophenol	8.06	128	40767	41.10	ng	91
9) Benzaldehyde	7.63	77	37180	39.43	ng	91
10) Phenol	7.66	94	53652	37.95	ng	99
11) bis(2-Chloroethyl)ether	7.90	93	40764	36.84	ng	88
12) 1,3-Dichlorobenzene	8.38	146	41155	39.31	ng	93
13) 1,4-Dichlorobenzene	8.53	146	42698	40.39	ng	100
14) 1,2-Dichlorobenzene	8.84	146	43159	41.55	ng	98
15) Benzyl Alcohol	8.71	79	48637	43.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.00	45	54083	29.46	ng	86
17) 2-Methylphenol	8.91	107	40198	40.41	ng	95
18) Hexachloroethane	9.58	117	16560	39.95	ng	88
19) n-Nitroso-di-n-propylamine	9.28	70	45743	41.50	ng	89
20) 3+4-Methylphenols	9.23	107	58062	42.63	ng	93
22) Acetophenone	9.31	105	80585	41.63	ng	# 91
24) Nitrobenzene	9.69	77	65557	40.09	ng	94
25) Isophorone	10.21	82	124995	40.78	ng	99
26) 2-Nitrophenol	10.41	139	25466	42.10	ng	99
27) 2,4-Dimethylphenol	10.44	122	47601	41.67	ng	92
28) bis(2-Chloroethoxy)methane	10.68	93	64983	37.62	ng	98
29) 2,4-Dichlorophenol	10.94	162	46084	46.71	ng	95
30) 1,2,4-Trichlorobenzene	11.16	180	50386	44.67	ng	96
31) Naphthalene	11.36	128	158255	41.48	ng	97
32) Benzoic acid	10.54	122	7140	15.21	ng	89
33) 4-Chloroaniline	11.45	127	69019	42.65	ng	93
34) Hexachlorobutadiene	11.63	225	32208	47.25	ng	99
35) Caprolactam	12.23	113	19100	41.54	ng	# 83
36) 4-Chloro-3-methylphenol	12.54	107	68653	45.37	ng	97
37) 2-Methylnaphthalene	12.93	142	126604	45.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	71847	46.26	ng	99
40) Hexachlorocyclopentadiene	13.26	237	34945	41.98	ng	95

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42) 2,4,6-Trichlorophenol	13.51	196	44720	44.56	nq	99
43) 2,4,5-Trichlorophenol	13.59	196	51978	44.07	nq	99
45) 1,1'-Biphenyl	13.91	154	174261	42.20	nq	97
46) 2-Chloronaphthalene	13.96	162	131122	42.69	nq	93
47) 2-Nitroaniline	14.15	65	53707	38.95	nq	95
48) Acenaphthylene	14.80	152	224314	41.68	nq	98
49) Dimethylphthalate	14.51	163	186462	43.00	nq	97
50) 2,6-Dinitrotoluene	14.64	165	42493	45.16	nq	98
51) Acenaphthene	15.14	154	143122	38.17	nq	96
52) 3-Nitroaniline	14.98	138	40656	40.93	nq	90
53) 2,4-Dinitrophenol	15.17	184	3779	7.11	nq	# 47
54) Dibenzofuran	15.47	168	211300	43.26	nq	98
55) 4-Nitrophenol	15.26	139	25943	31.20	nq	# 84
56) 2,4-Dinitrotoluene	15.42	165	59243	44.40	nq	# 95
57) Fluorene	16.12	166	201512	43.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.69	232	48045	46.26	nq	94
59) Diethylphthalate	15.86	149	203186	42.94	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	102252	44.92	nq	97
61) 4-Nitroaniline	16.13	138	44150	40.52	nq	94
62) Azobenzene	16.39	77	181229	37.35	nq	98
64) 4,6-Dinitro-2-methylphenol	16.19	198	18131	21.79	nq	82
65) n-Nitrosodiphenylamine	16.31	169	168798	42.02	nq	98
66) 4-Bromophenyl-phenylether	17.00	248	66403	46.07	nq	# 90
67) Hexachlorobenzene	17.13	284	69519	45.14	nq	95
68) Atrazine	17.25	200	62074	42.18	nq	99
69) Pentachlorophenol	17.47	266	28833	30.14	nq	96
70) Phenanthrene	17.87	178	313864	42.10	nq	94
71) Anthracene	17.96	178	316740	42.20	nq	98
72) Carbazole	18.23	167	293924	40.20	nq	97
73) Di-n-butylphthalate	18.75	149	325913	39.78	nq	# 93
74) Fluoranthene	19.86	202	371511	42.78	nq	94
76) Benzidine	20.02	184	73283	19.31	nq	# 95
77) Pyrene	20.22	202	385776	41.04	nq	95
79) Butylbenzylphthalate	21.09	149	146052	37.23	nq	95
80) Benzo(a)anthracene	22.17	228	386486	41.66	nq	93
81) 3,3'-Dichlorobenzidine	22.06	252	140389	41.85	nq	# 98
82) Chrysene	22.24	228	360606	41.02	nq	94
83) Bis(2-ethylhexyl)phthalate	22.02	149	213101	37.06	nq	98
84) Di-n-octyl phthalate	23.37	149	364775	38.14	nq	# 89
85) Indeno(1,2,3-cd)pyrene	29.98	276	424671	42.39	nq	99
87) Benzo(b)fluoranthene	24.65	252	399840	45.15	nq	97
88) Benzo(k)fluoranthene	24.72	252	382779	44.17	nq	95
89) Benzo(a)pyrene	25.64	252	373530	44.69	nq	95
90) Dibenzo(a,h)anthracene	30.05	278	363914	42.75	nq	# 98
91) Benzo(g,h,i)perylene	31.30	276	354430	42.86	nq	# 97

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

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