

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020127.D
 Acq On : 12 Dec 2015 4:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 12 05:30:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19006	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	84409	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	61905	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	157828	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	183904	20.00	ng	-0.05
86) Perylene-d12	25.01	264	171450	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	88250	83.92	ng	-0.02
7) Phenol-d6	7.25	99	133089	83.82	ng	-0.02
23) Nitrobenzene-d5	9.27	82	137018	82.84	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	76444	80.71	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	345947	76.30	ng	-0.04
78) Terphenyl-d14	20.07	244	608278	80.68	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	18319	44.72	ng	# 100
3) Pyridine	3.91	79	53279	42.82	ng	# 87
4) n-Nitrosodimethylamine	3.83	42	23873	36.48	ng	93
6) Aniline	7.42	93	83674	40.70	ng	# 87
8) 2-Chlorophenol	7.66	128	53311	41.57	ng	95
9) Benzaldehyde	7.23	77	36992	34.94	ng	96
10) Phenol	7.28	94	70145	41.98	ng	79
11) bis(2-Chloroethyl)ether	7.51	93	51559	41.66	ng	93
12) 1,3-Dichlorobenzene	7.99	146	58714	40.40	ng	# 93
13) 1,4-Dichlorobenzene	8.14	146	59225	39.45	ng	95
14) 1,2-Dichlorobenzene	8.45	146	58074	40.56	ng	94
15) Benzyl Alcohol	8.34	79	54355	39.01	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.62	45	77373	38.33	ng	91
17) 2-Methylphenol	8.54	107	48245	40.90	ng	# 92
18) Hexachloroethane	9.19	117	22064	39.25	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	48621	38.83	ng	91
20) 3+4-Methylphenols	8.87	107	68786	41.41	ng	93
22) Acetophenone	8.92	105	94755	40.95	ng	# 95
24) Nitrobenzene	9.31	77	74041	41.27	ng	94
25) Isophorone	9.83	82	139217	39.26	ng	97
26) 2-Nitrophenol	10.02	139	33196	47.91	ng	# 77
27) 2,4-Dimethylphenol	10.08	122	58555	40.58	ng	92
28) bis(2-Chloroethoxy)methane	10.31	93	71084	41.03	ng	98
29) 2,4-Dichlorophenol	10.56	162	61234	41.54	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	65489	39.31	ng	96
31) Naphthalene	10.97	128	182243	40.30	ng	99
32) Benzoic acid	10.22	122	55075	55.56	ng	90
33) 4-Chloroaniline	11.07	127	80523	40.41	ng	95
34) Hexachlorobutadiene	11.25	225	47415	38.59	ng	96
35) Caprolactam	11.85	113	22576	41.14	ng	# 76
36) 4-Chloro-3-methylphenol	12.19	107	73551	40.07	ng	95
37) 2-Methylnaphthalene	12.57	142	130173	39.28	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	91698	39.03	ng	99
40) Hexachlorocyclopentadiene	12.91	237	55061	41.11	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	62194	39.99	nq	100
43) 2,4,5-Trichlorophenol	13.24	196	65179	39.65	nq	97
45) 1,1'-Biphenyl	13.57	154	194134	38.21	nq	99
46) 2-Chloronaphthalene	13.61	162	148340	37.88	nq	96
47) 2-Nitroaniline	13.81	65	51527	41.66	nq	89
48) Acenaphthylene	14.45	152	251469	37.70	nq	100
49) Dimethylphthalate	14.18	163	211205	37.93	nq	99
50) 2,6-Dinitrotoluene	14.30	165	45268	43.24	nq	# 78
51) Acenaphthene	14.79	154	149090	36.84	nq	99
52) 3-Nitroaniline	14.63	138	47910	44.05	nq	94
53) 2,4-Dinitrophenol	14.83	184	26891	51.94	nq	86
54) Dibenzofuran	15.13	168	228407	37.93	nq	93
55) 4-Nitrophenol	14.93	139	40169	42.40	nq	# 71
56) 2,4-Dinitrotoluene	15.08	165	65702	44.98	nq	# 90
57) Fluorene	15.78	166	198727	36.87	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	61356	40.33	nq	96
59) Diethylphthalate	15.53	149	219625	36.44	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	114894	37.13	nq	98
61) 4-Nitroaniline	15.79	138	50732	41.47	nq	# 77
62) Azobenzene	16.06	77	177945	35.48	nq	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	43783	49.20	nq	93
65) n-Nitrosodiphenylamine	15.98	169	181205	39.68	nq	94
66) 4-Bromophenyl-phenylether	16.66	248	75391	38.44	nq	94
67) Hexachlorobenzene	16.77	284	81692	39.99	nq	96
68) Atrazine	16.92	200	76850	38.73	nq	95
69) Pentachlorophenol	17.11	266	53447	44.82	nq	93
70) Phenanthrene	17.51	178	347646	38.93	nq	96
71) Anthracene	17.60	178	358638	39.43	nq	96
72) Carbazole	17.87	167	314863	39.30	nq	97
73) Di-n-butylphthalate	18.42	149	377172	38.40	nq	98
74) Fluoranthene	19.52	202	448713	39.29	nq	93
76) Benzidine	19.69	184	218524	36.17	nq	97
77) Pyrene	19.88	202	450375	41.63	nq	95
79) Butylbenzylphthalate	20.75	149	164760	38.85	nq	97
80) Benzo(a)anthracene	21.72	228	437145	38.83	nq	98
81) 3,3'-Dichlorobenzidine	21.63	252	160522	37.44	nq	98
82) Chrysene	21.79	228	413009	38.64	nq	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	236556	38.01	nq	96
84) Di-n-octyl phthalate	22.84	149	403277	39.86	nq	# 96
85) Indeno(1,2,3-cd)pyrene	28.74	276	494255	41.98	nq	# 100
87) Benzo(b)fluoranthene	23.97	252	412975	38.01	nq	# 93
88) Benzo(k)fluoranthene	24.04	252	418965	38.93	nq	# 94
89) Benzo(a)pyrene	24.86	252	404588	39.22	nq	# 95
90) Dibenzo(a,h)anthracene	28.81	278	408145	40.04	nq	# 93
91) Benzo(g,h,i)perylene	29.91	276	403695	40.34	nq	# 91

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

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