

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026415.D
 Acq On : 24 Mar 2017 15:15
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Quant Time: Mar 24 23:08:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	166578	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	692454	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	400213	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	943225	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1069450	20.00	ng	0.00
86) Perylene-d12	24.81	264	1080196	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	755867	80.54	ng	0.00
7) Phenol-d6	7.21	99	963086	76.44	ng	0.00
23) Nitrobenzene-d5	9.20	82	864696	75.08	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	408586	89.15	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2251780	78.90	ng	0.00
78) Terphenyl-d14	19.98	244	3382494	76.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	163216	38.74	ng	# 68
3) Pyridine	3.91	79	431935	37.44	ng	# 61
4) n-Nitrosodimethylamine	3.82	42	111757	35.44	ng	# 1
6) Aniline	7.37	93	629220	37.38	ng	# 86
8) 2-Chlorophenol	7.61	128	419867	39.73	ng	# 80
9) Benzaldehyde	7.18	77	286886	33.73	ng	# 62
10) Phenol	7.24	94	514539	38.27	ng	# 68
11) bis(2-Chloroethyl)ether	7.46	93	414319	37.58	ng	# 78
12) 1,3-Dichlorobenzene	7.94	146	508010	40.38	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	516790	40.61	ng	# 92
14) 1,2-Dichlorobenzene	8.40	146	488139	40.08	ng	# 90
15) Benzyl Alcohol	8.28	79	304072	36.81	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.57	45	396487	32.38	ng	# 80
17) 2-Methylphenol	8.48	107	365967	38.32	ng	# 80
18) Hexachloroethane	9.12	117	161882	38.90	ng	# 91
19) n-Nitroso-di-n-propylamine	8.84	70	284931	35.18	ng	# 68
20) 3+4-Methylphenols	8.81	107	512298	38.97	ng	# 84
22) Acetophenone	8.87	105	621098	39.00	ng	# 72
24) Nitrobenzene	9.25	77	424626	37.34	ng	# 69
25) Isophorone	9.76	82	808995	37.27	ng	# 88
26) 2-Nitrophenol	9.96	139	254207	42.96	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	392735	40.44	ng	# 85
28) bis(2-Chloroethoxy)methane	10.24	93	540160	38.31	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	420513	42.81	ng	# 93
30) 1,2,4-Trichlorobenzene	10.70	180	468067	42.42	ng	# 98
31) Naphthalene	10.89	128	1396078	39.87	ng	# 100
32) Benzoic acid	10.16	122	315788	42.26	ng	# 68
33) 4-Chloroaniline	11.00	127	575212	40.39	ng	# 80
34) Hexachlorobutadiene	11.18	225	276971	42.55	ng	# 97
35) Caprolactam	11.77	113	149320	38.58	ng	# 47
36) 4-Chloro-3-methylphenol	12.11	107	411738	39.19	ng	# 73
37) 2-Methylnaphthalene	12.49	142	1028164	40.09	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	513678	42.66	ng	# 97
40) Hexachlorocyclopentadiene	12.84	237	265802	41.94	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	334067	42.37	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	371145	42.59	nq	# 89
45) 1,1'-Biphenyl	13.49	154	1309504	39.51	nq	98
46) 2-Chloronaphthalene	13.54	162	972566	40.18	nq	95
47) 2-Nitroaniline	13.73	65	251789	36.58	nq	# 52
48) Acenaphthylene	14.38	152	1673458	39.66	nq	99
49) Dimethylphthalate	14.10	163	1210081	40.06	nq	98
50) 2,6-Dinitrotoluene	14.22	165	301406	42.75	nq	# 55
51) Acenaphthene	14.71	154	1033137	39.76	nq	98
52) 3-Nitroaniline	14.55	138	317935	40.96	nq	# 65
53) 2,4-Dinitrophenol	14.76	184	174315	42.62	nq	# 76
54) Dibenzofuran	15.05	168	1454500	39.75	nq	# 88
55) 4-Nitrophenol	14.86	139	258155	40.61	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	418409	42.20	nq	# 69
57) Fluorene	15.69	166	1294998	39.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	319258	42.00	nq	# 97
59) Diethylphthalate	15.45	149	1215055	39.35	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	642450	41.64	nq	89
61) 4-Nitroaniline	15.71	138	342341	41.69	nq	# 48
62) Azobenzene	15.97	77	911168	36.30	nq	79
64) 4,6-Dinitro-2-methylphenol	15.77	198	262292	44.11	nq	83
65) n-Nitrosodiphenylamine	15.89	169	1112516	40.19	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	416647	42.92	nq	94
67) Hexachlorobenzene	16.70	284	450410	43.49	nq	89
68) Atrazine	16.83	200	425060	40.56	nq	97
69) Pentachlorophenol	17.04	266	285805	42.45	nq	98
70) Phenanthrene	17.43	178	1973366	38.96	nq	98
71) Anthracene	17.51	178	2052079	39.71	nq	99
72) Carbazole	17.78	167	2077615	39.05	nq	97
73) Di-n-butylphthalate	18.33	149	2084995	38.14	nq	# 94
74) Fluoranthene	19.42	202	2339573	39.28	nq	96
76) Benzidine	19.60	184	1158689	31.42	nq	99
77) Pyrene	19.79	202	2430152	39.24	nq	99
79) Butylbenzylphthalate	20.66	149	988920	39.91	nq	# 82
80) Benzo(a)anthracene	21.61	228	2366208	39.32	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	1009612	40.98	nq	# 98
82) Chrysene	21.67	228	2255563	39.23	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1426931	38.13	nq	97
84) Di-n-octyl phthalate	22.70	149	2428624	38.03	nq	# 80
85) Indeno(1,2,3-cd)pyrene	28.44	276	2938390	41.39	nq	# 93
87) Benzo(b)fluoranthene	23.80	252	2560857	40.22	nq	# 96
88) Benzo(k)fluoranthene	23.87	252	2406639	38.97	nq	# 96
89) Benzo(a)pyrene	24.66	252	2408265	39.43	nq	# 95
90) Dibenzo(a,h)anthracene	28.49	278	2505076	40.58	nq	# 95
91) Benzo(g,h,i)perylene	29.58	276	2488795	40.02	nq	# 87

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

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