

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092702.D
 Acq On : 1 Feb 2017 14:03
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 01 15:04:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	187165	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	763489	20.00	ng	-0.02
38) Acenaphthene-d10	10.01	164	413472	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	643610	20.00	ng	0.00
75) Chrysene-d12	14.13	240	490435	20.00	ng	-0.01
86) Perylene-d12	15.60	264	386929	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	860038	78.83	ng	-0.02
7) Phenol-d6	6.59	99	1124283	80.09	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1093894	79.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	231036	77.26	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1725836	75.62	ng	-0.01
78) Terphenyl-d14	13.07	244	1592450	76.29	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	257396	43.66	ng	# 84
3) Pyridine	3.34	79	670961	44.76	ng	# 85
4) n-Nitrosodimethylamine	3.31	42	320791	45.58	ng	# 83
6) Aniline	6.61	93	842375	43.99	ng	# 52
8) 2-Chlorophenol	6.74	128	521618	43.34	ng	94
9) Benzaldehyde	6.49	77	392281	39.01	ng	87
10) Phenol	6.60	94	590414	35.95	ng	94
11) bis(2-Chloroethyl)ether	6.68	93	543464	41.46	ng	91
12) 1,3-Dichlorobenzene	6.89	146	583186m	41.37	ng	
13) 1,4-Dichlorobenzene	6.97	146	610678	42.80	ng	94
14) 1,2-Dichlorobenzene	7.12	146	511414	37.49	ng	96
15) Benzyl Alcohol	7.09	79	402794	38.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1023474	44.94	ng	94
17) 2-Methylphenol	7.22	107	456412	44.20	ng	95
18) Hexachloroethane	7.46	117	199080	40.87	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	355128	39.74	ng	94
20) 3+4-Methylphenols	7.37	107	478778	38.78	ng	93
22) Acetophenone	7.37	105	704932	40.44	ng	# 90
24) Nitrobenzene	7.54	77	629544	44.72	ng	96
25) Isophorone	7.78	82	1095675	42.89	ng	99
26) 2-Nitrophenol	7.86	139	301924	45.12	ng	# 81
27) 2,4-Dimethylphenol	7.89	122	468939	39.90	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	659064	38.95	ng	99
29) 2,4-Dichlorophenol	8.10	162	426115	38.87	ng	90
30) 1,2,4-Trichlorobenzene	8.18	180	456916	38.68	ng	96
31) Naphthalene	8.26	128	1460312	37.73	ng	100
32) Benzoic acid	8.02	122	286262	43.74	ng	97
33) 4-Chloroaniline	8.32	127	673444	44.37	ng	99
34) Hexachlorobutadiene	8.37	225	243256	37.43	ng	99
35) Caprolactam	8.69	113	146205	42.40	ng	# 35
36) 4-Chloro-3-methylphenol	8.81	107	498898	43.66	ng	91
37) 2-Methylnaphthalene	8.96	142	994577	40.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	446911	38.51	ng	99
40) Hexachlorocyclopentadiene	9.10	237	196205	37.47	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	306578	40.20	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	325828	38.99	nq	96
45) 1,1'-Biphenyl	9.42	154	1273266	42.53	nq	98
46) 2-Chloronaphthalene	9.45	162	932095	39.80	nq	97
47) 2-Nitroaniline	9.55	65	343020	43.56	nq	# 79
48) Acenaphthylene	9.87	152	1575560	38.94	nq	98
49) Dimethylphthalate	9.72	163	1025093	36.81	nq	98
50) 2,6-Dinitrotoluene	9.79	165	269442	44.80	nq	95
51) Acenaphthene	10.04	154	962261	39.78	nq	98
52) 3-Nitroaniline	9.96	138	289708	42.09	nq	97
53) 2,4-Dinitrophenol	10.06	184	125503	43.33	nq	# 90
54) Dibenzofuran	10.21	168	1265283	39.11	nq	# 89
55) 4-Nitrophenol	10.13	139	229165	46.23	nq	# 77
56) 2,4-Dinitrotoluene	10.19	165	303809	37.94	nq	97
57) Fluorene	10.56	166	976469	39.23	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.33	232	235661	42.28	nq	98
59) Diethylphthalate	10.42	149	994962	37.91	nq	100
60) 4-Chlorophenyl-phenylether	10.54	204	473829	39.62	nq	# 80
61) 4-Nitroaniline	10.58	138	285245	40.46	nq	92
62) Azobenzene	10.70	77	1128158	41.61	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	185588	47.41	nq	87
65) n-Nitrosodiphenylamine	10.66	169	802961	39.05	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	278230	41.38	nq	# 83
67) Hexachlorobenzene	11.09	284	259092	38.99	nq	# 73
68) Atrazine	11.20	200	285760	43.31	nq	94
69) Pentachlorophenol	11.30	266	142971	45.13	nq	99
70) Phenanthrene	11.52	178	1424473	38.63	nq	98
71) Anthracene	11.56	178	1405377	37.95	nq	99
72) Carbazole	11.72	167	1237763	34.97	nq	99
73) Di-n-butylphthalate	12.04	149	1490602	38.94	nq	98
74) Fluoranthene	12.71	202	1439676	37.85	nq	95
76) Benzidine	12.83	184	716175	34.27	nq	98
77) Pyrene	12.93	202	1437996	39.18	nq	99
79) Butylbenzylphthalate	13.55	149	636844	42.73	nq	# 71
80) Benzo(a)anthracene	14.12	228	1130720	37.70	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	390452	36.52	nq	98
82) Chrysene	14.16	228	1097738	39.09	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	811457	39.81	nq	97
84) Di-n-octyl phthalate	14.72	149	1437695	43.32	nq	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	855529	39.33	nq	95
87) Benzo(b)fluoranthene	15.16	252	1128778	44.32	nq	98
88) Benzo(k)fluoranthene	15.20	252	748062m	34.02	nq	
89) Benzo(a)pyrene	15.54	252	887189	40.27	nq	96
90) Dibenzo(a,h)anthracene	17.08	278	726437	40.80	nq	96
91) Benzo(g,h,i)perylene	17.52	276	754622	41.95	nq	# 93

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

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