

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083828.D
 Acq On : 15 Dec 2015 22:07
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 16 04:57:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96311	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	363410	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	141848	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	243751	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	201152	20.00	ng	-0.01
86) Perylene-d12	15.51	264	149345	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	469502	78.64	ng	-0.02
7) Phenol-d6	6.54	99	624030	82.54	ng	0.00
23) Nitrobenzene-d5	7.47	82	526984	81.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	107488	74.37	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	814394	83.73	ng	-0.02
78) Terphenyl-d14	13.01	244	762031	81.49	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	113909	39.46	ng	# 80
3) Pyridine	3.25	79	270478	37.24	ng	# 83
4) n-Nitrosodimethylamine	3.20	42	109292	39.77	ng	# 65
6) Aniline	6.57	93	406383	39.57	ng	# 83
8) 2-Chlorophenol	6.69	128	294424	41.97	ng	# 80
9) Benzaldehyde	6.44	77	160969	39.65	ng	96
10) Phenol	6.56	94	372774	42.84	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	241537	38.33	ng	93
12) 1,3-Dichlorobenzene	6.84	146	297838m	40.00	ng	
13) 1,4-Dichlorobenzene	6.92	146	310460	41.26	ng	99
14) 1,2-Dichlorobenzene	7.08	146	283906	41.99	ng	96
15) Benzyl Alcohol	7.05	79	233437	42.03	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	283981	34.71	ng	71
17) 2-Methylphenol	7.16	107	212502	37.67	ng	# 85
18) Hexachloroethane	7.42	117	85430	31.97	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	166945	36.06	ng	89
20) 3+4-Methylphenols	7.31	107	267298	40.14	ng	# 56
22) Acetophenone	7.31	105	355534	39.88	ng	# 94
24) Nitrobenzene	7.49	77	264116	39.07	ng	# 65
25) Isophorone	7.73	82	486738	38.19	ng	# 88
26) 2-Nitrophenol	7.80	139	122919	37.85	ng	87
27) 2,4-Dimethylphenol	7.85	122	256896	40.26	ng	97
28) bis(2-Chloroethoxy)methane	7.94	93	291387	40.07	ng	# 97
29) 2,4-Dichlorophenol	8.05	162	204751	39.08	ng	92
30) 1,2,4-Trichlorobenzene	8.13	180	217711	40.07	ng	95
31) Naphthalene	8.21	128	760424	40.14	ng	99
32) Benzoic acid	7.95	122	133503	33.57	ng	91
33) 4-Chloroaniline	8.26	127	314492	40.65	ng	# 89
34) Hexachlorobutadiene	8.34	225	130399	43.74	ng	97
35) Caprolactam	8.62	113	56257	33.44	ng	# 66
36) 4-Chloro-3-methylphenol	8.74	107	211563	34.52	ng	96
37) 2-Methylnaphthalene	8.90	142	424662	35.71	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	199657	47.71	ng	# 100
42) 2,4,6-Trichlorophenol	9.18	196	136909	44.70	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	118090	40.64	nq	# 91
45) 1,1'-Biphenyl	9.37	154	570039	45.34	nq	97
46) 2-Chloronaphthalene	9.39	162	396734	42.75	nq	# 92
47) 2-Nitroaniline	9.48	65	118778	45.13	nq	# 76
48) Acenaphthylene	9.80	152	628175	40.23	nq	100
49) Dimethylphthalate	9.66	163	467023	42.23	nq	99
50) 2,6-Dinitrotoluene	9.72	165	90217	38.44	nq	93
51) Acenaphthene	9.97	154	362471	38.40	nq	100
52) 3-Nitroaniline	9.89	138	124653	46.06	nq	# 74
53) 2,4-Dinitrophenol	10.00	184	6125	10.41	nq	# 72
54) Dibenzofuran	10.14	168	479367	38.33	nq	# 90
55) 4-Nitrophenol	10.05	139	85083	42.46	nq	# 75
56) 2,4-Dinitrotoluene	10.12	165	112594	36.72	nq	# 91
57) Fluorene	10.49	166	370122	37.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	89571	41.10	nq	# 100
59) Diethylphthalate	10.36	149	453726	40.53	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	193191	43.02	nq	93
61) 4-Nitroaniline	10.50	138	96395	40.41	nq	89
62) Azobenzene	10.64	77	384300	37.66	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	14660	10.57	nq	# 78
65) n-Nitrosodiphenylamine	10.60	169	373766	44.84	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	110457	40.53	nq	# 75
67) Hexachlorobenzene	11.05	284	126452	42.88	nq	# 77
68) Atrazine	11.13	200	96713	40.77	nq	97
69) Pentachlorophenol	11.23	266	60716	36.50	nq	98
70) Phenanthrene	11.45	178	515705	39.83	nq	99
71) Anthracene	11.50	178	587651	43.70	nq	99
72) Carbazole	11.65	167	525670	41.95	nq	# 96
73) Di-n-butylphthalate	11.98	149	638881	41.98	nq	99
74) Fluoranthene	12.64	202	588781	44.01	nq	99
76) Benzidine	12.75	184	337010	54.98	nq	97
77) Pyrene	12.86	202	605182	38.07	nq	99
79) Butylbenzylphthalate	13.48	149	292259	42.83	nq	95
80) Benzo(a)anthracene	14.05	228	488986	42.75	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	201161	48.75	nq	98
82) Chrysene	14.09	228	507132	45.46	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	373265	48.06	nq	# 96
84) Di-n-octyl phthalate	14.66	149	685230	55.53	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	353062	32.22	nq	# 100
87) Benzo(b)fluoranthene	15.08	252	378551m	39.73	nq	
88) Benzo(k)fluoranthene	15.12	252	417583m	48.37	nq	
89) Benzo(a)pyrene	15.44	252	359393	42.27	nq	100
90) Dibenzo(a,h)anthracene	16.95	278	302338	35.76	nq	# 96
91) Benzo(g,h,i)perylene	17.37	276	282591m	32.52	nq	

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

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