

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079178.D
 Acq On : 13 May 2015 1:01
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 13 02:38:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	81642	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	335748	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	165537	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	314606	20.00	ng	0.00
75) Chrysene-d12	16.17	240	327960	20.00	ng	-0.02
86) Perylene-d12	17.90	264	349417	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	388007	81.81	ng	0.01
7) Phenol-d6	6.86	99	508927	81.18	ng	0.01
23) Nitrobenzene-d5	7.98	82	462173	79.11	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	151529	84.62	ng	0.01
44) 2-Fluorobiphenyl	10.20	172	896757	75.47	ng	0.00
78) Terphenyl-d14	14.88	244	1094749	79.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	85419	41.42	ng	# 22
3) Pyridine	2.94	79	254514	42.17	ng	97
4) n-Nitrosodimethylamine	2.87	42	93024	35.98	ng	82
6) Aniline	6.87	93	351223	39.69	ng	# 23
8) 2-Chlorophenol	7.02	128	225587	41.94	ng	97
9) Benzaldehyde	6.73	77	156457	37.04	ng	93
10) Phenol	6.87	94	301556	41.46	ng	# 69
11) bis(2-Chloroethyl)ether	6.97	93	202966	38.07	ng	99
12) 1,3-Dichlorobenzene	7.21	146	251741	41.64	ng	# 91
13) 1,4-Dichlorobenzene	7.30	146	242447	38.96	ng	96
14) 1,2-Dichlorobenzene	7.48	146	230388	39.77	ng	95
15) Benzyl Alcohol	7.46	79	172815	37.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.64	45	322351	39.52	ng	98
17) 2-Methylphenol	7.61	107	174153	40.23	ng	99
18) Hexachloroethane	7.91	117	78917	36.82	ng	96
19) n-Nitroso-di-n-propylamine	7.80	70	164784	38.92	ng	# 80
20) 3+4-Methylphenols	7.80	107	232041	40.23	ng	# 47
22) Acetophenone	7.79	105	311739	41.10	ng	93
24) Nitrobenzene	8.00	77	232983	40.23	ng	94
25) Isophorone	8.30	82	425574	39.29	ng	98
26) 2-Nitrophenol	8.39	139	108813	45.40	ng	# 79
27) 2,4-Dimethylphenol	8.46	122	200641	41.83	ng	98
28) bis(2-Chloroethoxy)methane	8.58	93	265420	39.75	ng	98
29) 2,4-Dichlorophenol	8.70	162	186466	43.72	ng	95
30) 1,2,4-Trichlorobenzene	8.79	180	192494	41.09	ng	94
31) Naphthalene	8.89	128	667491	41.72	ng	99
32) Benzoic acid	8.57	122	133193	44.82	ng	95
33) 4-Chloroaniline	8.96	127	281339	41.56	ng	99
34) Hexachlorobutadiene	9.04	225	106332	39.41	ng	97
35) Caprolactam	9.39	113	59082	42.84	ng	96
36) 4-Chloro-3-methylphenol	9.56	107	184592	41.21	ng	95
37) 2-Methylnaphthalene	9.75	142	463505	41.81	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	185785	39.85	ng	# 100
40) Hexachlorocyclopentadiene	9.93	237	19064	8.13	ng	98

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42) 2,4,6-Trichlorophenol	10.10	196	134728	42.03	nq	99
43) 2,4,5-Trichlorophenol	10.15	196	138472	42.73	nq	# 90
45) 1,1'-Biphenyl	10.33	154	529449	40.23	nq	97
46) 2-Chloronaphthalene	10.35	162	416892	40.61	nq	93
47) 2-Nitroaniline	10.48	65	127273	42.79	nq	94
48) Acenaphthylene	10.86	152	661887	39.27	nq	100
49) Dimethylphthalate	10.72	163	496862	40.90	nq	99
50) 2,6-Dinitrotoluene	10.79	165	97397	40.62	nq	89
51) Acenaphthene	11.07	154	375859	37.40	nq	98
52) 3-Nitroaniline	10.99	138	138102	46.11	nq	# 97
53) 2,4-Dinitrophenol	11.13	184	8855	18.45	nq	# 75
54) Dibenzofuran	11.29	168	562853	38.77	nq	99
55) 4-Nitrophenol	11.21	139	101834	42.96	nq	91
56) 2,4-Dinitrotoluene	11.29	165	132323	41.75	nq	# 70
57) Fluorene	11.71	166	454264	38.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.45	232	105414	39.81	nq	# 100
59) Diethylphthalate	11.59	149	461444	38.34	nq	98
60) 4-Chlorophenyl-phenylether	11.72	204	205980	38.97	nq	99
61) 4-Nitroaniline	11.75	138	134208	44.79	nq	91
62) Azobenzene	11.92	77	451912	38.10	nq	96
64) 4,6-Dinitro-2-methylphenol	11.79	198	20579	20.65	nq	# 59
65) n-Nitrosodiphenylamine	11.87	169	424579	40.52	nq	99
66) 4-Bromophenyl-phenylether	12.33	248	130725	39.86	nq	98
67) Hexachlorobenzene	12.40	284	146625	39.12	nq	# 71
68) Atrazine	12.55	200	114679	37.64	nq	96
69) Pentachlorophenol	12.64	266	76626	38.80	nq	95
70) Phenanthrene	12.91	178	700248	39.79	nq	99
71) Anthracene	12.97	178	676689	39.19	nq	100
72) Carbazole	13.18	167	644370	39.15	nq	99
73) Di-n-butylphthalate	13.62	149	785866	39.82	nq	99
74) Fluoranthene	14.39	202	740987	40.40	nq	99
76) Benzidine	14.57	184	444375	50.28	nq	97
77) Pyrene	14.67	202	798204	42.24	nq	100
79) Butylbenzylphthalate	15.50	149	376227	45.54	nq	# 77
80) Benzo(a)anthracene	16.16	228	740595	41.24	nq	100
81) 3,3'-Dichlorobenzidine	16.14	252	303493	47.44	nq	# 99
82) Chrysene	16.21	228	667937	38.67	nq	100
83) Bis(2-ethylhexyl)phthalate	16.21	149	502953	40.20	nq	# 98
84) Di-n-octyl phthalate	16.99	149	956704	43.41	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.36	276	835419	37.96	nq	# 100
87) Benzo(b)fluoranthene	17.45	252	733379	38.35	nq	99
88) Benzo(k)fluoranthene	17.49	252	755558m	40.81	nq	
89) Benzo(a)pyrene	17.84	252	714386	40.57	nq	99
90) Dibenzo(a,h)anthracene	19.38	278	674019	36.01	nq	# 96
91) Benzo(g,h,i)perylene	19.79	276	687707	36.66	nq	97

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

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