

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077766.D
 Acq On : 16 Mar 2015 21:36
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 17 02:24:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	56259	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	236277	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	116008	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	222356	20.00	ng	0.00
75) Chrysene-d12	16.03	240	222625	20.00	ng	0.00
86) Perylene-d12	17.69	264	221597	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	255624	79.31	ng	0.00
7) Phenol-d6	6.74	99	308699	77.52	ng	0.00
23) Nitrobenzene-d5	7.87	82	298257	82.75	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	84250	75.90	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	589048	74.62	ng	0.00
78) Terphenyl-d14	14.74	244	689475	75.65	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.06	88	49871	34.08	ng	# 100
3) Pyridine	2.75	79	146170	37.18	ng	99
4) n-Nitrosodimethylamine	2.68	42	62719	36.64	ng	97
6) Aniline	6.76	93	230381	40.45	ng	# 69
8) 2-Chlorophenol	6.90	128	147340	38.41	ng	94
9) Benzaldehyde	6.61	77	70677	43.32	ng	96
10) Phenol	6.76	94	186802	39.68	ng	87
11) bis(2-Chloroethyl)ether	6.86	93	142016	40.28	ng	94
12) 1,3-Dichlorobenzene	7.09	146	167126	39.17	ng	98
13) 1,4-Dichlorobenzene	7.20	146	176363	39.78	ng	97
14) 1,2-Dichlorobenzene	7.38	146	162890	40.07	ng	98
15) Benzyl Alcohol	7.36	79	115940	37.30	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.54	45	191817	40.37	ng	98
17) 2-Methylphenol	7.50	107	117906	37.75	ng	96
18) Hexachloroethane	7.79	117	58617	40.31	ng	93
19) n-Nitroso-di-n-propylamine	7.70	70	106950	38.82	ng	# 90
20) 3+4-Methylphenols	7.70	107	158100	38.58	ng	94
22) Acetophenone	7.69	105	209587	40.07	ng	# 93
24) Nitrobenzene	7.89	77	157372	40.53	ng	# 83
25) Isophorone	8.19	82	289308	39.74	ng	97
26) 2-Nitrophenol	8.28	139	75878	39.91	ng	92
27) 2,4-Dimethylphenol	8.35	122	133501	38.55	ng	97
28) bis(2-Chloroethoxy)methane	8.48	93	175169	39.65	ng	98
29) 2,4-Dichlorophenol	8.58	162	124702	37.77	ng	96
30) 1,2,4-Trichlorobenzene	8.68	180	142571	38.60	ng	98
31) Naphthalene	8.77	128	456387	37.61	ng	99
32) Benzoic acid	8.46	122	63836	34.01	ng	97
33) 4-Chloroaniline	8.85	127	192477	39.08	ng	96
34) Hexachlorobutadiene	8.93	225	82210	39.27	ng	97
35) Caprolactam	9.29	113	38979	40.40	ng	# 71
36) 4-Chloro-3-methylphenol	9.46	107	129038	38.85	ng	90
37) 2-Methylnaphthalene	9.63	142	313386	38.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	135767	39.24	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	58733	35.73	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077766.D
 Acq On : 16 Mar 2015 21:36
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 17 02:24:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	91846	38.32	ng	99
43) 2,4,5-Trichlorophenol	10.03	196	99529	38.44	ng	# 95
45) 1,1'-Biphenyl	10.21	154	364742	39.33	ng	100
46) 2-Chloronaphthalene	10.22	162	294693	39.10	ng	# 90
47) 2-Nitroaniline	10.36	65	76238	40.73	ng	90
48) Acenaphthylene	10.74	152	487856	38.93	ng	100
49) Dimethylphthalate	10.60	163	338328	39.32	ng	99
50) 2,6-Dinitrotoluene	10.67	165	70101	39.30	ng	100
51) Acenaphthene	10.96	154	282239	39.28	ng	98
52) 3-Nitroaniline	10.88	138	86406	41.72	ng	96
53) 2,4-Dinitrophenol	11.00	184	16666	30.93	ng	92
54) Dibenzofuran	11.17	168	419199	39.33	ng	100
55) 4-Nitrophenol	11.09	139	57804	37.67	ng	87
56) 2,4-Dinitrotoluene	11.16	165	90017	38.71	ng	99
57) Fluorene	11.60	166	340502	38.48	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	78367	39.31	ng	# 100
59) Diethylphthalate	11.48	149	326798	38.98	ng	99
60) 4-Chlorophenyl-phenylether	11.61	204	153472	38.00	ng	93
61) 4-Nitroaniline	11.63	138	86046	41.68	ng	93
62) Azobenzene	11.80	77	313518	39.13	ng	95
64) 4,6-Dinitro-2-methylphenol	11.66	198	36062	35.57	ng	91
65) n-Nitrosodiphenylamine	11.76	169	291913	39.43	ng	98
66) 4-Bromophenyl-phenylether	12.21	248	92954	39.17	ng	# 94
67) Hexachlorobenzene	12.26	284	97428	37.37	ng	# 74
68) Atrazine	12.43	200	81625	39.34	ng	99
69) Pentachlorophenol	12.51	266	45458	35.09	ng	96
70) Phenanthrene	12.79	178	498218	39.03	ng	99
71) Anthracene	12.84	178	494021	39.17	ng	100
72) Carbazole	13.05	167	467064	38.93	ng	99
73) Di-n-butylphthalate	13.51	149	533571	39.67	ng	100
74) Fluoranthene	14.25	202	528185	37.51	ng	94
76) Benzidine	14.43	184	189169	34.28	ng	98
77) Pyrene	14.53	202	568044	40.58	ng	100
79) Butylbenzylphthalate	15.36	149	228156	41.34	ng	# 81
80) Benzo(a)anthracene	16.02	228	525118	39.79	ng	98
81) 3,3'-Dichlorobenzidine	16.00	252	174364	40.05	ng	98
82) Chrysene	16.05	228	470154	39.62	ng	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	349198	41.77	ng	# 96
84) Di-n-octyl phthalate	16.84	149	588857	41.19	ng	99
85) Indeno(1,2,3-cd)pyrene	19.08	276	586161m	39.58	ng	
87) Benzo(b)fluoranthene	17.28	252	533470	36.88	ng	# 95
88) Benzo(k)fluoranthene	17.30	252	475447m	42.08	ng	
89) Benzo(a)pyrene	17.63	252	462660	38.33	ng	# 96
90) Dibenzo(a,h)anthracene	19.11	278	464173	38.77	ng	99
91) Benzo(g,h,i)perylene	19.48	276	466807	38.30	ng	97

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

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\  
Data File : BF077766.D  
Acq On    : 16 Mar 2015   21:36  
Operator  : TP/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Mar 17 02:24:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 00:51:27 2015
Response via : Initial Calibration

