

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077833.D
 Acq On : 19 Mar 2015 16:23
 Operator : TP/IZ
 Sample : PB82191BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Quant Time: Mar 20 01:29:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	38451	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	156230	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79533	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	153396	20.00	ng	0.00
75) Chrysene-d12	16.02	240	179096	20.00	ng	-0.01
86) Perylene-d12	17.73	264	179159	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	243030	110.33	ng	0.01
7) Phenol-d6	6.73	99	309750	113.81	ng	0.00
23) Nitrobenzene-d5	7.85	82	176459	74.04	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	78535	103.21	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	377869	69.82	ng	0.00
78) Terphenyl-d14	14.74	244	460993	62.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	31673	31.67	ng	# 100
3) Pyridine	2.74	79	91647	34.10	ng	94
4) n-Nitrosodimethylamine	2.66	42	39730	33.96	ng	# 90
6) Aniline	6.74	93	72550	18.64	ng	# 37
8) 2-Chlorophenol	6.89	128	97012	37.00	ng	91
9) Benzaldehyde	6.60	77	5741	5.15	ng	# 80
10) Phenol	6.74	94	115104	35.78	ng	86
11) bis(2-Chloroethyl)ether	6.84	93	87883	36.47	ng	93
12) 1,3-Dichlorobenzene	7.07	146	99697	34.19	ng	97
13) 1,4-Dichlorobenzene	7.17	146	101148	33.38	ng	97
14) 1,2-Dichlorobenzene	7.36	146	99387	35.78	ng	97
15) Benzyl Alcohol	7.34	79	76955	36.22	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.52	45	111019	34.19	ng	99
17) 2-Methylphenol	7.49	107	77434	36.28	ng	98
18) Hexachloroethane	7.77	117	33846	34.06	ng	89
19) n-Nitroso-di-n-propylamine	7.68	70	62039	32.95	ng	# 92
20) 3+4-Methylphenols	7.69	107	99689	35.59	ng	98
22) Acetophenone	7.66	105	132579	38.33	ng	# 93
24) Nitrobenzene	7.87	77	95275	37.11	ng	# 88
25) Isophorone	8.17	82	161742	33.60	ng	# 93
26) 2-Nitrophenol	8.26	139	44610	35.49	ng	# 79
27) 2,4-Dimethylphenol	8.34	122	83062	36.27	ng	98
28) bis(2-Chloroethoxy)methane	8.45	93	106908	36.59	ng	98
29) 2,4-Dichlorophenol	8.57	162	80051	36.67	ng	96
30) 1,2,4-Trichlorobenzene	8.66	180	81488	33.36	ng	95
31) Naphthalene	8.75	128	272030	33.90	ng	99
32) Benzoic acid	8.44	122	41153	33.23	ng	98
33) 4-Chloroaniline	8.83	127	62537	19.20	ng	# 90
34) Hexachlorobutadiene	8.91	225	45811	33.09	ng	99
35) Caprolactam	9.25	113	25029	39.23	ng	91
36) 4-Chloro-3-methylphenol	9.45	107	84655	38.54	ng	89
37) 2-Methylnaphthalene	9.62	142	190308	35.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	76603	32.29	ng	# 100
40) Hexachlorocyclopentadiene	9.80	237	78649	66.78	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077833.D
 Acq On : 19 Mar 2015 16:23
 Operator : TP/IZ
 Sample : PB82191BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BSD

Quant Time: Mar 20 01:29:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	56044	34.11	nq	99
43) 2,4,5-Trichlorophenol	10.02	196	60052	33.83	nq	# 93
45) 1,1'-Biphenyl	10.20	154	217490	34.21	nq	98
46) 2-Chloronaphthalene	10.21	162	174226	33.72	nq	# 92
47) 2-Nitroaniline	10.35	65	50340	39.23	nq	99
48) Acenaphthylene	10.73	152	290292	33.79	nq	98
49) Dimethylphthalate	10.59	163	207955	35.25	nq	98
50) 2,6-Dinitrotoluene	10.66	165	44628	36.50	nq	98
51) Acenaphthene	10.94	154	163466	33.18	nq	98
52) 3-Nitroaniline	10.86	138	36150	25.46	nq	97
53) 2,4-Dinitrophenol	11.00	184	34609	77.34	nq	# 65
54) Dibenzofuran	11.15	168	255480	34.97	nq	92
55) 4-Nitrophenol	11.09	139	83303	79.19	nq	96
56) 2,4-Dinitrotoluene	11.15	165	61194	38.38	nq	99
57) Fluorene	11.58	166	202522	33.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	51014	37.32	nq	# 100
59) Diethylphthalate	11.46	149	196050	34.11	nq	95
60) 4-Chlorophenyl-phenylether	11.58	204	91985	33.22	nq	# 85
61) 4-Nitroaniline	11.62	138	52116	36.82	nq	94
62) Azobenzene	11.78	77	184801	33.64	nq	87
64) 4,6-Dinitro-2-methylphenol	11.65	198	25888	36.84	nq	96
65) n-Nitrosodiphenylamine	11.74	169	177510	34.75	nq	98
66) 4-Bromophenyl-phenylether	12.19	248	53914	32.93	nq	# 78
67) Hexachlorobenzene	12.25	284	58843	32.71	nq	# 76
68) Atrazine	12.42	200	56767	39.66	nq	99
69) Pentachlorophenol	12.51	266	63321	67.71	nq	98
70) Phenanthrene	12.76	178	317512	36.06	nq	100
71) Anthracene	12.83	178	316366	36.36	nq	99
72) Carbazole	13.04	167	297745	35.98	nq	100
73) Di-n-butylphthalate	13.49	149	321448	34.64	nq	99
74) Fluoranthene	14.24	202	349628	36.00	nq	94
76) Benzidine	14.43	184	153416	34.56	nq	99
77) Pyrene	14.52	202	375570	33.35	nq	100
79) Butylbenzylphthalate	15.36	149	147313	33.18	nq	92
80) Benzo(a)anthracene	16.01	228	359590	33.87	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	79130	22.60	nq	# 96
82) Chrysene	16.05	228	362563	37.98	nq	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	202112	30.05	nq	98
84) Di-n-octyl phthalate	16.87	149	363183	31.58	nq	100
85) Indeno(1,2,3-cd)pyrene	19.13	276	422870	35.49	nq	# 100
87) Benzo(b)fluoranthene	17.30	252	365599	31.26	nq	98
88) Benzo(k)fluoranthene	17.33	252	382851m	41.91	nq	
89) Benzo(a)pyrene	17.68	252	369436	37.86	nq	# 98
90) Dibenzo(a,h)anthracene	19.16	278	348211	35.97	nq	99
91) Benzo(g,h,i)perylene	19.54	276	360146	36.55	nq	99

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\  
Data File : BF077833.D  
Acq On    : 19 Mar 2015   16:23  
Operator  : TP/IZ  
Sample    : PB82191BSD  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB82191BSD

Quant Time: Mar 20 01:29:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
Response via : Initial Calibration

