

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091819.D
 Acq On : 20 Dec 2016 14:49
 Operator : UM/SJ
 Sample : H6165-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10MS

Quant Time: Dec 21 00:27:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	209748	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	862139	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	459497	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	694688	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	510673	20.00	ng	-0.01
86) Perylene-d12	15.31	264	412851	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1691770	135.13	ng	0.01
7) Phenol-d6	6.42	99	2195760	143.81	ng	0.00
23) Nitrobenzene-d5	7.33	82	1539483	102.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	475829	122.12	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2144550	93.76	ng	-0.01
78) Terphenyl-d14	12.86	244	1754477	86.75	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	278470	45.17	ng	97
3) Pyridine	3.06	79	1042037	52.46	ng	99
4) n-Nitrosodimethylamine	3.02	42	421524	54.84	ng	98
6) Aniline	6.43	93	759324	38.65	ng	98
8) 2-Chlorophenol	6.56	128	765518	55.55	ng	91
9) Benzaldehyde	6.30	77	109368	9.46	ng	99
10) Phenol	6.43	94	793162	46.09	ng	91
11) bis(2-Chloroethyl)ether	6.51	93	757889	55.14	ng	90
12) 1,3-Dichlorobenzene	6.70	146	779861	51.53	ng	96
13) 1,4-Dichlorobenzene	6.77	146	745923	48.71	ng	98
14) 1,2-Dichlorobenzene	6.93	146	709998	52.93	ng	99
15) Benzyl Alcohol	6.91	79	606483	51.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	981952	46.75	ng	86
17) 2-Methylphenol	7.04	107	586706	50.95	ng	95
18) Hexachloroethane	7.28	117	291632	51.26	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	509555	50.17	ng	98
20) 3+4-Methylphenols	7.20	107	766347	59.66	ng	# 72
22) Acetophenone	7.17	105	1057323	50.79	ng	95
24) Nitrobenzene	7.34	77	795784	49.57	ng	99
25) Isophorone	7.60	82	1502187	52.66	ng	99
26) 2-Nitrophenol	7.66	139	386841	49.95	ng	99
27) 2,4-Dimethylphenol	7.72	122	730793	57.84	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	878014	52.61	ng	100
29) 2,4-Dichlorophenol	7.92	162	648336	55.64	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	626775	49.63	ng	99
31) Naphthalene	8.06	128	1995141	48.44	ng	99
32) Benzoic acid	7.81	122	73890	8.21	ng	99
33) 4-Chloroaniline	8.12	127	611329	35.24	ng	99
34) Hexachlorobutadiene	8.19	225	344651	48.54	ng	99
35) Caprolactam	8.51	113	205473m	54.80	ng	
36) 4-Chloro-3-methylphenol	8.62	107	704414	54.80	ng	96
37) 2-Methylnaphthalene	8.76	142	1347627	51.90	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	585586	51.13	ng	99
40) Hexachlorocyclopentadiene	8.92	237	487680	100.46	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091819.D
 Acq On : 20 Dec 2016 14:49
 Operator : UM/SJ
 Sample : H6165-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10MS

Quant Time: Dec 21 00:27:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	418655	51.16	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	384466	47.82	nq	99
45) 1,1'-Biphenyl	9.23	154	1697418	51.54	nq	100
46) 2-Chloronaphthalene	9.25	162	1296266	52.67	nq	99
47) 2-Nitroaniline	9.36	65	436041	51.89	nq	# 61
48) Acenaphthylene	9.66	152	1887766	49.50	nq	99
49) Dimethylphthalate	9.54	163	2059659	68.62	nq	99
50) 2,6-Dinitrotoluene	9.60	165	330073	50.16	nq	# 82
51) Acenaphthene	9.84	154	1169929	44.70	nq	99
52) 3-Nitroaniline	9.77	138	314984	38.44	nq	# 73
53) 2,4-Dinitrophenol	9.87	184	118325	33.28	nq	# 85
54) Dibenzofuran	10.01	168	1651423	53.06	nq	99
55) 4-Nitrophenol	9.95	139	531619	93.43	nq	94
56) 2,4-Dinitrotoluene	10.00	165	373881	45.48	nq	# 84
57) Fluorene	10.35	166	1274738	52.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	349569	52.59	nq	98
59) Diethylphthalate	10.24	149	1485527	50.35	nq	96
60) 4-Chlorophenyl-phenylether	10.34	204	521500	47.36	nq	99
61) 4-Nitroaniline	10.38	138	394189	50.78	nq	85
62) Azobenzene	10.50	77	1499304	47.76	nq	100
64) 4,6-Dinitro-2-methylphenol	10.41	198	180017	39.29	nq	76
65) n-Nitrosodiphenylamine	10.46	169	1116636	51.76	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	371771	51.04	nq	97
67) Hexachlorobenzene	10.90	284	408069	53.46	nq	96
68) Atrazine	11.00	200	386388	59.27	nq	95
69) Pentachlorophenol	11.09	266	342250	83.09	nq	99
70) Phenanthrene	11.31	178	1992658	57.41	nq	99
71) Anthracene	11.36	178	1732154	47.11	nq	99
72) Carbazole	11.52	167	1637290	50.93	nq	99
73) Di-n-butylphthalate	11.85	149	1920486	46.59	nq	99
74) Fluoranthene	12.49	202	1727171	47.64	nq	99
76) Benzidine	12.61	184	813323	55.33	nq	97
77) Pyrene	12.72	202	1708757	46.33	nq	99
79) Butylbenzylphthalate	13.34	149	907856	52.60	nq	90
80) Benzo(a)anthracene	13.91	228	1367053	46.80	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	401530	34.35	nq	# 95
82) Chrysene	13.94	228	1140852	37.68	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1004888	45.90	nq	# 98
84) Di-n-octyl phthalate	14.51	149	1753363	43.46	nq	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	1286529	43.21	nq	99
87) Benzo(b)fluoranthene	14.92	252	1316635m	50.29	nq	
88) Benzo(k)fluoranthene	14.95	252	1073133m	58.42	nq	
89) Benzo(a)pyrene	15.27	252	1193596	53.12	nq	# 94
90) Dibenzo(a,h)anthracene	16.68	278	1056694	53.95	nq	# 95
91) Benzo(g,h,i)perylene	17.07	276	1112708	55.90	nq	97

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\  
Data File : BF091819.D  
Acq On    : 20 Dec 2016   14:49  
Operator  : UM/SJ  
Sample    : H6165-01MS  
Misc      :  
ALS Vial  : 36      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SB-5-9-10MS

Quant Time: Dec 21 00:27:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

