

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096721.D
 Acq On : 13 Jul 2017 12:02
 Operator : SJ/JU
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Jul 13 13:00:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 12:56:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	101545	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	443143	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	191999	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	298021	20.00	ng	0.00
75) Chrysene-d12	13.77	240	196972	20.00	ng	0.00
86) Perylene-d12	15.16	264	145053	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	352364	51.22	ng	0.00
7) Phenol-d6	6.27	99	407559	48.19	ng	0.00
23) Nitrobenzene-d5	7.20	82	329687	44.71	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	81487	54.33	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	612988	54.59	ng	0.00
78) Terphenyl-d14	12.73	244	556256	60.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	86790	26.604	ng	# 77
3) Pyridine	2.90	79	182689	20.410	ng	# 57
4) n-Nitrosodimethylamine	2.83	42	104784	23.717	ng	# 79
6) Aniline	6.29	93	261471	23.919	ng	# 64
8) 2-Chlorophenol	6.42	128	195247	26.612	ng	99
9) Benzaldehyde	6.17	77	121809	23.012	ng	98
10) Phenol	6.29	94	234684	24.356	ng	80
11) bis(2-Chloroethyl)ether	6.37	93	176053	23.643	ng	93
12) 1,3-Dichlorobenzene	6.57	146	201504	26.194	ng	99
13) 1,4-Dichlorobenzene	6.65	146	199769	25.982	ng	95
14) 1,2-Dichlorobenzene	6.80	146	190731	27.017	ng	97
15) Benzyl Alcohol	6.78	79	141101	24.957	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	335319	22.151	ng	91
17) 2-Methylphenol	6.90	107	133166	22.775	ng	96
18) Hexachloroethane	7.15	117	66179	23.741	ng	# 88
19) n-Nitroso-di-n-propylamine	7.05	70	112853	22.397	ng	# 82
20) 3+4-Methylphenols	7.05	107	168495	25.837	ng	93
22) Acetophenone	7.05	105	224338	23.169	ng	# 96
24) Nitrobenzene	7.22	77	170928	22.094	ng	94
25) Isophorone	7.46	82	302230	21.137	ng	# 94
26) 2-Nitrophenol	7.53	139	98444	24.041	ng	# 88
27) 2,4-Dimethylphenol	7.58	122	170160	24.405	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	226218	23.967	ng	100
29) 2,4-Dichlorophenol	7.78	162	154155	25.626	ng	99
30) 1,2,4-Trichlorobenzene	7.86	180	146993	25.904	ng	99
31) Naphthalene	7.94	128	535634	25.603	ng	99
32) Benzoic acid	7.69	122	116751	19.938	ng	95
33) 4-Chloroaniline	7.99	127	208407	23.983	ng	94
34) Hexachlorobutadiene	8.07	225	78077	26.826	ng	98
35) Caprolactam	8.35	113	47590	22.942	ng	# 60
36) 4-Chloro-3-methylphenol	8.47	107	162050	24.345	ng	88
37) 2-Methylnaphthalene	8.63	142	337381	25.335	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	129073	25.891	ng	99
40) Hexachlorocyclopentadiene	8.79	237	38105	15.720	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096721.D
 Acq On : 13 Jul 2017 12:02
 Operator : SJ/JU
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Jul 13 13:00:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 12:56:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	93992	23.833	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	95428	24.473	ng	94
45) 1,1'-Biphenyl	9.10	154	410558	24.957	ng	100
46) 2-Chloronaphthalene	9.12	162	300467	24.508	ng	95
47) 2-Nitroaniline	9.21	65	106732	23.926	ng	94
48) Acenaphthylene	9.53	152	524863	27.018	ng	98
49) Dimethylphthalate	9.40	163	366581	25.576	ng	100
50) 2,6-Dinitrotoluene	9.46	165	79599	25.114	ng	# 90
51) Acenaphthene	9.70	154	292547	24.431	ng	99
52) 3-Nitroaniline	9.62	138	94638	23.940	ng	# 91
53) 2,4-Dinitrophenol	9.73	184	29521	17.536	ng	# 77
54) Dibenzofuran	9.87	168	414303	26.206	ng	99
55) 4-Nitrophenol	9.79	139	67935	20.733	ng	# 69
56) 2,4-Dinitrotoluene	9.86	165	106804	26.610	ng	# 84
57) Fluorene	10.22	166	318563	28.531	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	67499	25.020	ng	# 98
59) Diethylphthalate	10.10	149	351821	25.969	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	136145	28.025	ng	93
61) 4-Nitroaniline	10.23	138	86594	24.090	ng	92
62) Azobenzene	10.37	77	335567	25.616	ng	93
64) 4,6-Dinitro-2-methylphenol	10.27	198	51515	25.064	ng	# 73
65) n-Nitrosodiphenylamine	10.33	169	289002	27.638	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	76989	26.538	ng	94
67) Hexachlorobenzene	10.76	284	89526	28.190	ng	# 88
68) Atrazine	10.86	200	78766	26.366	ng	97
69) Pentachlorophenol	10.96	266	42558	22.611	ng	95
70) Phenanthrene	11.17	178	423394	26.281	ng	98
71) Anthracene	11.22	178	431642	26.292	ng	99
72) Carbazole	11.37	167	408417	24.737	ng	99
73) Di-n-butylphthalate	11.72	149	523809	26.194	ng	98
74) Fluoranthene	12.35	202	423143	26.789	ng	99
76) Benzidine	12.47	184	147490	15.605	ng	# 93
77) Pyrene	12.58	202	416405	26.337	ng	97
79) Butylbenzylphthalate	13.21	149	204791	25.588	ng	87
80) Benzo(a)anthracene	13.76	228	297069	26.044	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	102066	21.786	ng	# 97
82) Chrysene	13.80	228	291731	24.423	ng	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	254519	28.490	ng	100
84) Di-n-octyl phthalate	14.39	149	415606	23.624	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.46	276	236914	25.127	ng	99
87) Benzo(b)fluoranthene	14.77	252	247513	27.232	ng	99
88) Benzo(k)fluoranthene	14.80	252	220377	27.106	ng	# 94
89) Benzo(a)pyrene	15.10	252	203740	25.108	ng	98
90) Dibenzo(a,h)anthracene	16.48	278	187504	29.372	ng	97
91) Benzo(g,h,i)perylene	16.86	276	205774	31.107	ng	97

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

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\  
Data File : BF096721.D  
Acq On    : 13 Jul 2017  12:02  
Operator  : SJ/JU  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Quant Time: Jul 13 13:00:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 12:56:52 2017
Response via : Initial Calibration

