

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079056.D
 Acq On : 8 May 2015 23:59
 Operator : TP/IZ
 Sample : PB83273BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BS

Manual Integrations
 APPROVED

apatel
 5/12/2015 3:44:21 PM

Quant Time: May 09 01:16:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67162	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	275529	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	133524	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	251586	20.00	ng	0.00
75) Chrysene-d12	16.22	240	243272	20.00	ng	-0.03
86) Perylene-d12	17.94	264	241662	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	505771	129.63	ng	0.00
7) Phenol-d6	6.88	99	653800	126.77	ng	-0.01
23) Nitrobenzene-d5	8.01	82	370792	77.34	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	190215	131.68	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	738279	77.03	ng	-0.01
78) Terphenyl-d14	14.91	244	834809	82.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	62424	36.80	ng	# 32
3) Pyridine	3.05	79	196723	39.62	ng	99
4) n-Nitrosodimethylamine	2.97	42	84143m	39.56	ng	
6) Aniline	6.91	93	172080	23.64	ng	98
8) 2-Chlorophenol	7.05	128	196934	44.50	ng	100
9) Benzaldehyde	6.76	77	102261	29.43	ng	90
10) Phenol	6.90	94	245831	41.09	ng	85
11) bis(2-Chloroethyl)ether	7.00	93	176901	40.33	ng	98
12) 1,3-Dichlorobenzene	7.24	146	205640	41.34	ng	# 94
13) 1,4-Dichlorobenzene	7.35	146	202125	39.49	ng	96
14) 1,2-Dichlorobenzene	7.53	146	193778	40.66	ng	96
15) Benzyl Alcohol	7.50	79	159631	41.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.68	45	277392	41.34	ng	99
17) 2-Methylphenol	7.64	107	162119	45.52	ng	98
18) Hexachloroethane	7.94	117	71336	40.46	ng	89
19) n-Nitroso-di-n-propylamine	7.83	70	136261	39.12	ng	95
20) 3+4-Methylphenols	7.84	107	211502	44.57	ng	# 49
22) Acetophenone	7.83	105	278877	44.80	ng	95
24) Nitrobenzene	8.03	77	201927	42.49	ng	98
25) Isophorone	8.33	82	356558	40.12	ng	99
26) 2-Nitrophenol	8.43	139	90244	45.88	ng	92
27) 2,4-Dimethylphenol	8.49	122	180126	45.77	ng	96
28) bis(2-Chloroethoxy)methane	8.62	93	224859	41.04	ng	99
29) 2,4-Dichlorophenol	8.73	162	159786	45.66	ng	93
30) 1,2,4-Trichlorobenzene	8.83	180	160038	41.63	ng	99
31) Naphthalene	8.92	128	564204	42.97	ng	99
32) Benzoic acid	8.59	122	94210	39.50	ng	96
33) 4-Chloroaniline	8.99	127	127191	22.90	ng	99
34) Hexachlorobutadiene	9.07	225	84731	38.27	ng	97
35) Caprolactam	9.43	113	50391	44.53	ng	# 87
36) 4-Chloro-3-methylphenol	9.60	107	169993	46.24	ng	98
37) 2-Methylnaphthalene	9.78	142	386112	42.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	156318	41.57	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	153242	81.04	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079056.D
 Acq On : 8 May 2015 23:59
 Operator : TP/IZ
 Sample : PB83273BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB83273BS

Manual Integrations
 APPROVED

apatel
 5/12/2015 3:44:21 PM

Quant Time: May 09 01:16:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	112156	43.38	nq	97
43) 2,4,5-Trichlorophenol	10.18	196	116513	44.58	nq #	89
45) 1,1'-Biphenyl	10.36	154	457509	43.10	nq	98
46) 2-Chloronaphthalene	10.39	162	351736	42.48	nq	97
47) 2-Nitroaniline	10.51	65	104769	43.67	nq	97
48) Acenaphthylene	10.90	152	591656	43.52	nq	99
49) Dimethylphthalate	10.75	163	423059	43.17	nq	99
50) 2,6-Dinitrotoluene	10.82	165	84268	43.57	nq	95
51) Acenaphthene	11.12	154	332581	41.02	nq	99
52) 3-Nitroaniline	11.03	138	74748	30.94	nq #	97
53) 2,4-Dinitrophenol	11.16	184	58350	74.57	nq #	79
54) Dibenzofuran	11.32	168	500419	42.73	nq	96
55) 4-Nitrophenol	11.24	139	179043	93.64	nq	95
56) 2,4-Dinitrotoluene	11.32	165	119595	46.78	nq #	73
57) Fluorene	11.76	166	417319	43.42	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.48	232	92002	43.07	nq #	100
59) Diethylphthalate	11.63	149	407471	41.97	nq	98
60) 4-Chlorophenyl-phenylether	11.76	204	178300	41.82	nq	90
61) 4-Nitroaniline	11.78	138	100615	41.63	nq	94
62) Azobenzene	11.95	77	412785	43.15	nq	93
64) 4,6-Dinitro-2-methylphenol	11.83	198	41936	42.10	nq #	59
65) n-Nitrosodiphenylamine	11.91	169	352936	42.12	nq	98
66) 4-Bromophenyl-phenylether	12.37	248	113607	43.32	nq #	84
67) Hexachlorobenzene	12.43	284	129347	43.16	nq #	84
68) Atrazine	12.58	200	113427	46.55	nq	98
69) Pentachlorophenol	12.69	266	117945	68.35	nq	99
70) Phenanthrene	12.95	178	597051	42.42	nq	100
71) Anthracene	13.02	178	620991	44.97	nq	98
72) Carbazole	13.22	167	596205	45.30	nq	99
73) Di-n-butylphthalate	13.67	149	700196	44.36	nq #	97
74) Fluoranthene	14.43	202	639844	43.63	nq	91
76) Benzidine	14.61	184	300849	45.89	nq	98
77) Pyrene	14.71	202	641167	45.74	nq	99
79) Butylbenzylphthalate	15.53	149	295353	48.20	nq	95
80) Benzo(a)anthracene	16.21	228	611438	45.90	nq	100
81) 3,3'-Dichlorobenzidine	16.17	252	136854	28.84	nq #	96
82) Chrysene	16.25	228	541866	42.29	nq	99
83) Bis(2-ethylhexyl)phthalate	16.25	149	432163	46.56	nq	100
84) Di-n-octyl phthalate	17.04	149	745317	45.59	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.43	276	691471	42.36	nq #	100
87) Benzo(b)fluoranthene	17.50	252	586114	44.31	nq #	97
88) Benzo(k)fluoranthene	17.53	252	577844m	45.13	nq	
89) Benzo(a)pyrene	17.87	252	558779	45.88	nq #	96
90) Dibenzo(a,h)anthracene	19.45	278	554778	42.86	nq	97
91) Benzo(g,h,i)perylene	19.86	276	558776	43.07	nq	96

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079056.D  
Acq On    : 8 May 2015 23:59  
Operator  : TP/IZ  
Sample    : PB83273BS  
Misc      :  
ALS Vial  : 21 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB83273BS

Manual Integrations APPROVED

apatel
5/12/2015 3:44:21 PM

Quant Time: May 09 01:16:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 22:44:53 2015
Response via : Initial Calibration

