

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077890.D
 Acq On : 21 Mar 2015 5:00
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc : W
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 21 06:47:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	36944	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	151565	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	74794	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	149588	20.00	ng	0.00
75) Chrysene-d12	15.99	240	165093	20.00	ng	0.00
86) Perylene-d12	17.71	264	161552	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	169509	80.09	ng	0.00
7) Phenol-d6	6.70	99	214218	81.92	ng	0.00
23) Nitrobenzene-d5	7.82	82	193208	83.56	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	53894	75.31	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	407305	80.03	ng	0.00
78) Terphenyl-d14	14.71	244	491426	72.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	37739	39.27	ng	# 100
3) Pyridine	2.68	79	93874	36.36	ng	100
4) n-Nitrosodimethylamine	2.61	42	40895	36.38	ng	96
6) Aniline	6.72	93	149563	39.99	ng	# 69
8) 2-Chlorophenol	6.86	128	98018	38.91	ng	90
9) Benzaldehyde	6.57	77	45529	42.50	ng	96
10) Phenol	6.72	94	118941	38.48	ng	# 66
11) bis(2-Chloroethyl)ether	6.82	93	90584	39.12	ng	93
12) 1,3-Dichlorobenzene	7.05	146	111467	39.78	ng	99
13) 1,4-Dichlorobenzene	7.15	146	114676	39.39	ng	98
14) 1,2-Dichlorobenzene	7.33	146	106437	39.88	ng	99
15) Benzyl Alcohol	7.31	79	78168	38.29	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.49	45	124320	39.84	ng	98
17) 2-Methylphenol	7.47	107	81759	39.86	ng	97
18) Hexachloroethane	7.74	117	38190	39.99	ng	99
19) n-Nitroso-di-n-propylamine	7.65	70	68726	37.99	ng	# 90
20) 3+4-Methylphenols	7.66	107	104812	38.95	ng	99
22) Acetophenone	7.64	105	132564	39.51	ng	# 92
24) Nitrobenzene	7.85	77	104452	41.93	ng	# 86
25) Isophorone	8.14	82	187807	40.22	ng	95
26) 2-Nitrophenol	8.24	139	49380	40.49	ng	# 89
27) 2,4-Dimethylphenol	8.32	122	84332	37.96	ng	99
28) bis(2-Chloroethoxy)methane	8.43	93	115058	40.60	ng	99
29) 2,4-Dichlorophenol	8.54	162	79701	37.64	ng	96
30) 1,2,4-Trichlorobenzene	8.64	180	93331	39.39	ng	99
31) Naphthalene	8.73	128	305344	39.23	ng	100
32) Benzoic acid	8.43	122	51212	41.75	ng	89
33) 4-Chloroaniline	8.81	127	122242	38.69	ng	# 93
34) Hexachlorobutadiene	8.89	225	53762	40.03	ng	98
35) Caprolactam	9.24	113	24580	39.71	ng	93
36) 4-Chloro-3-methylphenol	9.42	107	88192	41.39	ng	88
37) 2-Methylnaphthalene	9.58	142	202453	38.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	85424	38.29	ng	# 100
40) Hexachlorocyclopentadiene	9.78	237	37088	35.06	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.95	196	59276	38.36	nq	100
43) 2,4,5-Trichlorophenol	10.00	196	66383	39.76	nq	99
45) 1,1'-Biphenyl	10.17	154	233719	39.09	nq	99
46) 2-Chloronaphthalene	10.19	162	199806	41.12	nq	96
47) 2-Nitroaniline	10.33	65	51101	42.35	nq	94
48) Acenaphthylene	10.69	152	315549	39.05	nq	100
49) Dimethylphthalate	10.57	163	218923	39.46	nq	98
50) 2,6-Dinitrotoluene	10.64	165	50673	44.07	nq	# 80
51) Acenaphthene	10.91	154	179592	38.77	nq	99
52) 3-Nitroaniline	10.83	138	52556	39.35	nq	# 73
53) 2,4-Dinitrophenol	10.97	184	13236	36.23	nq	90
54) Dibenzofuran	11.13	168	272115	39.60	nq	96
55) 4-Nitrophenol	11.07	139	36674	37.07	nq	98
56) 2,4-Dinitrotoluene	11.13	165	63852	42.58	nq	86
57) Fluorene	11.55	166	226527	39.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.29	232	52100	40.53	nq	# 100
59) Diethylphthalate	11.44	149	210769	38.99	nq	96
60) 4-Chlorophenyl-phenylether	11.56	204	99469	38.20	nq	94
61) 4-Nitroaniline	11.58	138	53234	40.00	nq	74
62) Azobenzene	11.76	77	213794	41.39	nq	96
64) 4,6-Dinitro-2-methylphenol	11.63	198	25660	37.38	nq	# 73
65) n-Nitrosodiphenylamine	11.71	169	190481	38.24	nq	100
66) 4-Bromophenyl-phenylether	12.17	248	60473	37.88	nq	# 94
67) Hexachlorobenzene	12.23	284	66620	37.98	nq	99
68) Atrazine	12.39	200	52115	37.34	nq	94
69) Pentachlorophenol	12.48	266	29435	33.89	nq	97
70) Phenanthrene	12.74	178	342909	39.93	nq	100
71) Anthracene	12.80	178	336404	39.65	nq	100
72) Carbazole	13.01	167	323756	40.12	nq	99
73) Di-n-butylphthalate	13.47	149	358510	39.62	nq	99
74) Fluoranthene	14.21	202	386199	40.77	nq	99
76) Benzidine	14.40	184	137781	33.66	nq	98
77) Pyrene	14.49	202	398315	38.37	nq	99
79) Butylbenzylphthalate	15.32	149	163366	39.91	nq	92
80) Benzo(a)anthracene	15.97	228	373977	38.21	nq	99
81) 3,3'-Dichlorobenzidine	15.96	252	130656	40.47	nq	99
82) Chrysene	16.02	228	350037	39.78	nq	99
83) Bis(2-ethylhexyl)phthalate	16.04	149	244947	39.51	nq	# 94
84) Di-n-octyl phthalate	16.83	149	418680	39.49	nq	97
85) Indeno(1,2,3-cd)pyrene	19.08	276	448947	40.88	nq	# 100
87) Benzo(b)fluoranthene	17.27	252	402099	38.13	nq	98
88) Benzo(k)fluoranthene	17.30	252	354359	43.02	nq	# 97
89) Benzo(a)pyrene	17.65	252	368423	41.87	nq	99
90) Dibenzo(a,h)anthracene	19.12	278	365527	41.88	nq	99
91) Benzo(g,h,i)perylene	19.49	276	373350	42.02	nq	96

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

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