

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
 Data File : BF081585.D
 Acq On : 11 Sep 2015 15:30
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 11 16:05:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:31:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	49986	20.00	ng	-0.01
21) Naphthalene-d8	11.15	136	202085	20.00	ng	-0.01
38) Acenaphthene-d10	15.29	164	96559	20.00	ng	-0.01
63) Phenanthrene-d10	18.79	188	195303	20.00	ng	-0.02
75) Chrysene-d12	23.41	240	150180	20.00	ng	-0.01
86) Perylene-d12	24.84	264	93205	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	251375	78.02	ng	-0.02
7) Phenol-d6	7.68	99	344253	80.72	ng	-0.01
23) Nitrobenzene-d5	9.55	82	342657	81.81	ng	-0.01
41) 2,4,6-Tribromophenol	17.20	330	70197	81.65	ng	-0.01
44) 2-Fluorobiphenyl	13.81	172	603932	80.15	ng	-0.01
78) Terphenyl-d14	22.13	244	568019	88.04	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.59	88	78919m	54.54	ng	
3) Pyridine	2.11	79	157739	39.53	ng	# 69
4) n-Nitrosodimethylamine	2.08	42	104135	46.98	ng	# 60
6) Aniline	7.55	93	233633	38.80	ng	# 82
8) 2-Chlorophenol	7.81	128	141422	39.84	ng	82
9) Benzaldehyde	7.28	77	97482	36.48	ng	# 76
10) Phenol	7.70	94	179286	36.25	ng	# 58
11) bis(2-Chloroethyl)ether	7.78	93	143342	40.17	ng	# 76
12) 1,3-Dichlorobenzene	8.10	146	147877	38.98	ng	# 89
13) 1,4-Dichlorobenzene	8.29	146	151479	39.22	ng	# 88
14) 1,2-Dichlorobenzene	8.61	146	143667	41.31	ng	# 87
15) Benzyl Alcohol	8.70	79	142133	40.63	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	9.02	45	301224	44.04	ng	69
17) 2-Methylphenol	9.03	107	116930	41.28	ng	# 73
18) Hexachloroethane	9.35	117	62507	41.60	ng	88
19) n-Nitroso-di-n-propylamine	9.33	70	122236	42.12	ng	# 91
20) 3+4-Methylphenols	9.42	107	152972	40.05	ng	# 87
22) Acetophenone	9.25	105	209090	37.88	ng	# 74
24) Nitrobenzene	9.60	77	183156	42.11	ng	# 62
25) Isophorone	10.19	82	320649	41.16	ng	# 83
26) 2-Nitrophenol	10.33	139	72402	38.19	ng	# 40
27) 2,4-Dimethylphenol	10.59	122	128050	39.11	ng	# 74
28) bis(2-Chloroethoxy)methane	10.79	93	181220	40.27	ng	# 91
29) 2,4-Dichlorophenol	10.94	162	113413	39.94	ng	92
30) 1,2,4-Trichlorobenzene	11.06	180	125713	40.75	ng	94
31) Naphthalene	11.20	128	423592	39.30	ng	98
32) Benzoic acid	11.04	122	47501	21.78	ng	# 64
33) 4-Chloroaniline	11.44	127	175309	39.88	ng	# 81
34) Hexachlorobutadiene	11.55	225	78311	41.72	ng	98
35) Caprolactam	12.39	113	33958m	38.99	ng	
36) 4-Chloro-3-methylphenol	12.76	107	138391	43.54	ng	# 76
37) 2-Methylnaphthalene	12.86	142	280658	40.02	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.26	216	120558	39.48	ng	98
40) Hexachlorocyclopentadiene	13.25	237	55562	37.08	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.61	196	84667	40.17	ng	97
43) 2,4,5-Trichlorophenol	13.72	196	86645	40.30	ng #	91
45) 1,1'-Biphenyl	14.00	154	338948	38.15	ng	95
46) 2-Chloronaphthalene	13.99	162	248578	38.75	ng #	86
47) 2-Nitroaniline	14.33	65	107842	41.25	ng #	60
48) Acenaphthylene	14.95	152	445862	39.18	ng	97
49) Dimethylphthalate	14.88	163	299849	39.97	ng #	97
50) 2,6-Dinitrotoluene	14.97	165	63062	37.04	ng #	29
51) Acenaphthene	15.37	154	246684	38.10	ng	90
52) 3-Nitroaniline	15.34	138	74870	38.62	ng #	50
53) 2,4-Dinitrophenol	15.61	184	20186	28.00	ng #	15
54) Dibenzofuran	15.80	168	372746	39.43	ng #	87
55) 4-Nitrophenol	15.96	139	45590	37.44	ng #	8
56) 2,4-Dinitrotoluene	15.92	165	85001	39.21	ng #	51
57) Fluorene	16.61	166	301713	42.05	ng	94
58) 2,3,4,6-Tetrachlorophenol	16.16	232	66476	40.50	ng	91
59) Diethylphthalate	16.57	149	326912	41.43	ng	96
60) 4-Chlorophenyl-phenylether	16.70	204	140965	42.16	ng #	84
61) 4-Nitroaniline	16.80	138	70469	35.98	ng #	17
62) Azobenzene	17.06	77	366756	41.80	ng	83
64) 4,6-Dinitro-2-methylphenol	16.88	198	38487	35.23	ng #	75
65) n-Nitrosodiphenylamine	17.02	169	264305	37.19	ng	91
66) 4-Bromophenyl-phenylether	17.84	248	80506	40.77	ng	91
67) Hexachlorobenzene	17.89	284	80877	39.17	ng #	83
68) Atrazine	18.42	200	81771	39.76	ng	80
69) Pentachlorophenol	18.44	266	36217	40.84	ng	99
70) Phenanthrene	18.86	178	427674	39.39	ng	96
71) Anthracene	18.97	178	433221	38.84	ng	99
72) Carbazole	19.45	167	400413	38.25	ng	97
73) Di-n-butylphthalate	20.50	149	524575	42.44	ng #	98
74) Fluoranthene	21.45	202	455302	38.74	ng	91
76) Benzidine	21.77	184	189027	29.32	ng #	97
77) Pyrene	21.81	202	479031	43.06	ng	99
79) Butylbenzylphthalate	22.82	149	214817	44.40	ng #	84
80) Benzo(a)anthracene	23.40	228	363801	38.04	ng	97
81) 3,3'-Dichlorobenzidine	23.40	252	108444	33.61	ng #	96
82) Chrysene	23.43	228	327900	38.25	ng	94
83) Bis(2-ethylhexyl)phthalate	23.51	149	270013	42.29	ng #	91
84) Di-n-octyl phthalate	24.16	149	390859	37.18	ng	95
85) Indeno(1,2,3-cd)pyrene	25.89	276	228354	36.30	ng #	84
87) Benzo(b)fluoranthene	24.49	252	241422m	36.28	ng	
88) Benzo(k)fluoranthene	24.52	252	241889m	43.81	ng	
89) Benzo(a)pyrene	24.79	252	225331	39.96	ng #	82
90) Dibenzo(a,h)anthracene	25.90	278	187194	42.96	ng #	80
91) Benzo(g,h,i)perylene	26.20	276	187709	45.14	ng #	74

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

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