

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084393.D
 Acq On : 11 Jan 2016 21:31
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 12 04:57:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	435780	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1705390	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	794081	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	1281662	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	825494	20.00	ng	-0.05
86) Perylene-d12	15.45	264	750352	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1996325	74.10	ng	-0.03
7) Phenol-d6	6.51	99	2792721	82.53	ng	-0.02
23) Nitrobenzene-d5	7.42	82	2482922	81.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	591405	73.77	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3530359	77.66	ng	-0.04
78) Terphenyl-d14	12.97	244	2530405	68.42	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	553427	43.36	ng	# 79
3) Pyridine	3.16	79	1595632	44.84	ng	# 83
4) n-Nitrosodimethylamine	3.13	42	697972	38.21	ng	# 99
6) Aniline	6.52	93	1724231	34.83	ng	# 67
8) 2-Chlorophenol	6.65	128	1287373	42.12	ng	96
9) Benzaldehyde	6.41	77	919944	41.75	ng	90
10) Phenol	6.52	94	1641994	42.68	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	1347286	45.21	ng	92
12) 1,3-Dichlorobenzene	6.80	146	1227790	38.94	ng	# 94
13) 1,4-Dichlorobenzene	6.88	146	1320707	41.77	ng	94
14) 1,2-Dichlorobenzene	7.02	146	1088317	35.94	ng	94
15) Benzyl Alcohol	7.00	79	972690	34.17	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1823728	33.60	ng	91
17) 2-Methylphenol	7.13	107	1066406	41.63	ng	95
18) Hexachloroethane	7.37	117	473924	37.48	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	905375	39.53	ng	# 86
20) 3+4-Methylphenols	7.28	107	1131219	37.57	ng	# 46
22) Acetophenone	7.28	105	1672711	40.79	ng	# 94
24) Nitrobenzene	7.45	77	1307900	42.08	ng	99
25) Isophorone	7.69	82	2425980	41.40	ng	98
26) 2-Nitrophenol	7.77	139	657385	46.48	ng	# 85
27) 2,4-Dimethylphenol	7.81	122	1214680	42.43	ng	89
28) bis(2-Chloroethoxy)methane	7.90	93	1590707	44.44	ng	96
29) 2,4-Dichlorophenol	8.01	162	916110	38.41	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	1017553	41.33	ng	96
31) Naphthalene	8.17	128	2888401	37.33	ng	95
32) Benzoic acid	7.93	122	491655	29.47	ng	92
33) 4-Chloroaniline	8.22	127	1550874	43.72	ng	# 89
34) Hexachlorobutadiene	8.28	225	539334	38.11	ng	97
35) Caprolactam	8.60	113	332411	41.35	ng	# 50
36) 4-Chloro-3-methylphenol	8.70	107	1020660	38.21	ng	93
37) 2-Methylnaphthalene	8.85	142	2109877	37.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	955174	41.84	ng	99
40) Hexachlorocyclopentadiene	9.01	237	220163	15.98	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	615127	36.02	ng	95
43) 2,4,5-Trichlorophenol	9.18	196	673690	41.15	ng #	92
45) 1,1'-Biphenyl	9.32	154	2250220	35.66	ng	95
46) 2-Chloronaphthalene	9.34	162	1765419	35.61	ng	97
47) 2-Nitroaniline	9.45	65	766654	46.86	ng	89
48) Acenaphthylene	9.77	152	2911623	39.76	ng	97
49) Dimethylphthalate	9.63	163	2187555	38.53	ng #	89
50) 2,6-Dinitrotoluene	9.69	165	469862	37.74	ng #	56
51) Acenaphthene	9.94	154	1965366	40.01	ng	98
52) 3-Nitroaniline	9.86	138	574012	37.21	ng	94
53) 2,4-Dinitrophenol	9.96	184	101271	21.80	ng #	87
54) Dibenzofuran	10.11	168	2634952	41.16	ng	97
55) 4-Nitrophenol	10.03	139	410179	36.63	ng	84
56) 2,4-Dinitrotoluene	10.09	165	573910	36.42	ng #	85
57) Fluorene	10.45	166	1840735	36.99	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	495559	35.45	ng	89
59) Diethylphthalate	10.33	149	2222742	39.71	ng	94
60) 4-Chlorophenyl-phenylether	10.44	204	912362	43.72	ng	95
61) 4-Nitroaniline	10.48	138	609833	44.34	ng #	82
62) Azobenzene	10.60	77	2504205	40.79	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	216531	28.39	ng	91
65) n-Nitrosodiphenylamine	10.56	169	1744150	42.56	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	636964	46.17	ng	97
67) Hexachlorobenzene	10.99	284	589827	37.99	ng #	81
68) Atrazine	11.09	200	613964	45.78	ng	96
69) Pentachlorophenol	11.18	266	257534	31.99	ng	97
70) Phenanthrene	11.41	178	2737984	40.84	ng	97
71) Anthracene	11.46	178	2544551	38.72	ng	94
72) Carbazole	11.62	167	2525079	39.30	ng	97
73) Di-n-butylphthalate	11.95	149	3125307	46.04	ng #	95
74) Fluoranthene	12.59	202	2240426	31.99	ng	95
76) Benzidine	12.72	184	1108050	37.44	ng	99
77) Pyrene	12.82	202	2161549	33.37	ng	96
79) Butylbenzylphthalate	13.45	149	1218024	43.45	ng #	89
80) Benzo(a)anthracene	14.01	228	1702553	35.13	ng	97
81) 3,3'-Dichlorobenzidine	13.97	252	670517	39.64	ng #	94
82) Chrysene	14.04	228	1512853	32.48	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1431867	40.43	ng #	93
84) Di-n-octyl phthalate	14.61	149	2305208	38.56	ng #	87
85) Indeno(1,2,3-cd)pyrene	16.84	276	1650934	44.72	ng	95
87) Benzo(b)fluoranthene	15.04	252	1730767	35.26	ng #	95
88) Benzo(k)fluoranthene	15.07	252	1742192m	43.40	ng	
89) Benzo(a)pyrene	15.39	252	1693277	40.67	ng #	97
90) Dibenzo(a,h)anthracene	16.87	278	1367702	38.18	ng	98
91) Benzo(g,h,i)perylene	17.27	276	1361013	36.69	ng #	95

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

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