

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090834.D
 Acq On : 26 Oct 2016 11:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 10/27/2016 3:44:28 PM

Quant Time: Oct 26 11:56:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	191446m	20.00	ng	-0.10
21) Naphthalene-d8	8.08	136	824603m	20.00	ng	-0.10
38) Acenaphthene-d10	9.84	164	484588	20.00	ng	-0.10
63) Phenanthrene-d10	11.32	188	767743	20.00	ng	-0.10
75) Chrysene-d12	13.96	240	702404	20.00	ng	-0.10
86) Perylene-d12	15.37	264	560574	20.00	ng	-0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	925723	88.65	ng	-0.11
7) Phenol-d6	6.43	99	1208642	77.89	ng	-0.10
23) Nitrobenzene-d5	7.37	82	1103744	74.35	ng	-0.09
41) 2,4,6-Tribromophenol	10.62	330	395969	91.65	ng	-0.10
44) 2-Fluorobiphenyl	9.16	172	2196457	74.68	ng	-0.10
78) Terphenyl-d14	12.91	244	2362901	78.33	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	260806m	43.82	ng	
3) Pyridine	3.05	79	754018m	56.52	ng	
4) n-Nitrosodimethylamine	3.00	42	220477m	46.45	ng	
6) Aniline	6.45	93	711607m	37.95	ng	
8) 2-Chlorophenol	6.58	128	594638	43.91	ng	# 77
9) Benzaldehyde	6.34	77	241411m	24.47	ng	
10) Phenol	6.45	94	659269	37.15	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	577070	39.41	ng	89
12) 1,3-Dichlorobenzene	6.73	146	599590m	44.40	ng	
13) 1,4-Dichlorobenzene	6.81	146	641151m	43.65	ng	
14) 1,2-Dichlorobenzene	6.97	146	603957	43.99	ng	# 91
15) Benzyl Alcohol	6.94	79	468392	44.32	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	662252m	32.14	ng	
17) 2-Methylphenol	7.06	107	471663	44.70	ng	96
18) Hexachloroethane	7.30	117	211842	36.50	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	379414m	35.66	ng	
20) 3+4-Methylphenols	7.22	107	552467	43.18	ng	# 57
22) Acetophenone	7.21	105	722391	39.65	ng	# 85
24) Nitrobenzene	7.38	77	522033	34.27	ng	# 89
25) Isophorone	7.63	82	1078166	39.91	ng	# 86
26) 2-Nitrophenol	7.70	139	346965	50.20	ng	# 77
27) 2,4-Dimethylphenol	7.74	122	557558	48.61	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	594803	37.28	ng	99
29) 2,4-Dichlorophenol	7.94	162	457219	45.51	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	537585	45.69	ng	97
31) Naphthalene	8.10	128	1560904	37.16	ng	99
32) Benzoic acid	7.89	122	354846	50.37	ng	92
33) 4-Chloroaniline	8.16	127	751664	46.82	ng	# 93
34) Hexachlorobutadiene	8.22	225	353691	53.80	ng	100
35) Caprolactam	8.54	113	147986	52.78	ng	# 69
36) 4-Chloro-3-methylphenol	8.65	107	525752	45.36	ng	# 76
37) 2-Methylnaphthalene	8.80	142	1148928	46.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	531528	41.37	ng	# 96
40) Hexachlorocyclopentadiene	8.94	237	254600	40.56	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	368727	50.88	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	381171	44.09	nq	# 88
45) 1,1'-Biphenyl	9.26	154	1512114	41.01	nq	96
46) 2-Chloronaphthalene	9.29	162	1211099	44.05	nq	93
47) 2-Nitroaniline	9.38	65	303654	30.46	nq	97
48) Acenaphthylene	9.70	152	1759722	40.19	nq	99
49) Dimethylphthalate	9.57	163	1394094	44.34	nq	# 98
50) 2,6-Dinitrotoluene	9.63	165	321181	46.69	nq	# 83
51) Acenaphthene	9.87	154	1141638	39.23	nq	100
52) 3-Nitroaniline	9.80	138	341883	39.60	nq	# 78
53) 2,4-Dinitrophenol	9.90	184	156326	44.56	nq	# 54
54) Dibenzofuran	10.04	168	1467649	38.34	nq	97
55) 4-Nitrophenol	9.96	139	199944	38.48	nq	# 85
56) 2,4-Dinitrotoluene	10.03	165	380195	40.69	nq	93
57) Fluorene	10.38	166	1161772	36.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	299867	41.64	nq	90
59) Diethylphthalate	10.26	149	1246501	39.09	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	534490	35.91	nq	92
61) 4-Nitroaniline	10.42	138	307344	35.50	nq	82
62) Azobenzene	10.53	77	1071619	29.05	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	234526	50.47	nq	85
65) n-Nitrosodiphenylamine	10.50	169	957359	37.75	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	356150	43.23	nq	# 92
67) Hexachlorobenzene	10.93	284	448718	50.17	nq	# 70
68) Atrazine	11.02	200	245061	34.94	nq	97
69) Pentachlorophenol	11.13	266	240054	54.15	nq	97
70) Phenanthrene	11.34	178	1664330	40.61	nq	98
71) Anthracene	11.39	178	1653721	37.49	nq	100
72) Carbazole	11.55	167	1419449	35.95	nq	99
73) Di-n-butylphthalate	11.88	149	1847345	39.94	nq	# 99
74) Fluoranthene	12.53	202	1850466	44.89	nq	97
76) Benzidine	12.66	184	467076	26.73	nq	97
77) Pyrene	12.76	202	1875184	40.31	nq	100
79) Butylbenzylphthalate	13.38	149	801756	38.90	nq	92
80) Benzo(a)anthracene	13.95	228	1517799	37.96	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	616678	45.14	nq	100
82) Chrysene	13.99	228	1500032	38.93	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1156908	41.61	nq	# 97
84) Di-n-octyl phthalate	14.56	149	1787800	47.95	nq	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	1295682	58.16	nq	95
87) Benzo(b)fluoranthene	14.97	252	1750325m	47.72	nq	
88) Benzo(k)fluoranthene	15.00	252	1152049m	29.19	nq	
89) Benzo(a)pyrene	15.32	252	1367773	40.73	nq	# 93
90) Dibenzo(a,h)anthracene	16.76	278	1133491	44.26	nq	# 94
91) Benzo(g,h,i)perylene	17.16	276	1046155	42.84	nq	# 92

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

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