

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093992.D
 Acq On : 28 Mar 2017 14:59
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Quant Time: Mar 29 02:34:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	173500	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	694247	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	323046	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	579793	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	489425	20.00	ng	-0.03
86) Perylene-d12	16.28	264	397471	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.45	112	801756	78.05	ng	-0.02
7) Phenol-d6	5.53	99	997584	78.50	ng	-0.02
23) Nitrobenzene-d5	6.59	82	976369	80.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	220660	86.44	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1699561	80.24	ng	-0.02
78) Terphenyl-d14	13.37	244	1704860	78.08	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	188752	38.25	ng	98
3) Pyridine	2.78	79	503491	37.43	ng	99
4) n-Nitrosodimethylamine	2.74	42	213643	38.60	ng	90
6) Aniline	5.55	93	671071	37.96	ng	97
8) 2-Chlorophenol	5.69	128	451471	39.99	ng	96
9) Benzaldehyde	5.42	77	311216	36.27	ng	99
10) Phenol	5.55	94	564225	39.02	ng	82
11) bis(2-Chloroethyl)ether	5.63	93	445145	39.39	ng	97
12) 1,3-Dichlorobenzene	5.86	146	499555	39.44	ng	99
13) 1,4-Dichlorobenzene	5.95	146	510305	39.78	ng	97
14) 1,2-Dichlorobenzene	6.13	146	471246	39.89	ng	96
15) Benzyl Alcohol	6.10	79	366615	39.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	657476	37.76	ng	99
17) 2-Methylphenol	6.23	107	385605	39.88	ng	98
18) Hexachloroethane	6.52	117	181356	40.22	ng	# 86
19) n-Nitroso-di-n-propylamine	6.42	70	310971	38.07	ng	97
20) 3+4-Methylphenols	6.42	107	467792	39.94	ng	# 67
22) Acetophenone	6.40	105	634127	40.98	ng	# 90
24) Nitrobenzene	6.60	77	480544	40.05	ng	95
25) Isophorone	6.89	82	856165	40.05	ng	96
26) 2-Nitrophenol	6.97	139	251404	43.94	ng	94
27) 2,4-Dimethylphenol	7.04	122	400103	40.58	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	561807	39.85	ng	99
29) 2,4-Dichlorophenol	7.27	162	381820	41.42	ng	97
30) 1,2,4-Trichlorobenzene	7.37	180	386345	40.69	ng	99
31) Naphthalene	7.46	128	1340187	40.15	ng	99
32) Benzoic acid	7.20	122	249328	37.99	ng	95
33) 4-Chloroaniline	7.53	127	547032	40.43	ng	# 94
34) Hexachlorobutadiene	7.62	225	199971	41.07	ng	98
35) Caprolactam	7.98	113	125239	42.60	ng	94
36) 4-Chloro-3-methylphenol	8.13	107	401961	41.73	ng	88
37) 2-Methylnaphthalene	8.30	142	902379	40.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	353949	40.05	ng	100
40) Hexachlorocyclopentadiene	8.50	237	172568	41.73	ng	96

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42) 2,4,6-Trichlorophenol	8.65	196	251424	40.21	nq	96
43) 2,4,5-Trichlorophenol	8.70	196	283901	41.96	nq	94
45) 1,1'-Biphenyl	8.87	154	1031884	39.60	nq	97
46) 2-Chloronaphthalene	8.90	162	808342	39.63	nq	95
47) 2-Nitroaniline	9.02	65	250764	41.44	nq	# 85
48) Acenaphthylene	9.40	152	1352964	39.91	nq	99
49) Dimethylphthalate	9.27	163	944051	41.11	nq	98
50) 2,6-Dinitrotoluene	9.33	165	224113	42.57	nq	89
51) Acenaphthene	9.62	154	773649	39.11	nq	99
52) 3-Nitroaniline	9.53	138	255709	41.37	nq	94
53) 2,4-Dinitrophenol	9.66	184	112542	42.29	nq	# 72
54) Dibenzofuran	9.83	168	1058593	39.31	nq	97
55) 4-Nitrophenol	9.75	139	204509	42.25	nq	# 70
56) 2,4-Dinitrotoluene	9.82	165	276979	41.89	nq	# 78
57) Fluorene	10.25	166	850554	38.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	194572	41.92	nq	97
59) Diethylphthalate	10.13	149	930936	41.02	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	366715	38.55	nq	93
61) 4-Nitroaniline	10.29	138	260289	43.88	nq	97
62) Azobenzene	10.45	77	853169	39.74	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	157529	44.36	nq	# 65
65) n-Nitrosodiphenylamine	10.40	169	788657	39.33	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	232072	40.70	nq	98
67) Hexachlorobenzene	10.93	284	238275	41.28	nq	# 87
68) Atrazine	11.07	200	244437	40.70	nq	96
69) Pentachlorophenol	11.17	266	142130	39.56	nq	99
70) Phenanthrene	11.43	178	1272771	39.46	nq	99
71) Anthracene	11.49	178	1327943	39.99	nq	99
72) Carbazole	11.69	167	1359673	39.93	nq	99
73) Di-n-butylphthalate	12.15	149	1499948	42.36	nq	99
74) Fluoranthene	12.89	202	1351952	40.94	nq	99
76) Benzidine	13.06	184	742773	38.35	nq	# 95
77) Pyrene	13.17	202	1409357	39.68	nq	100
79) Butylbenzylphthalate	13.98	149	651301	43.04	nq	# 83
80) Benzo(a)anthracene	14.64	228	1153390	40.41	nq	100
81) 3,3'-Dichlorobenzidine	14.62	252	434678	42.61	nq	# 96
82) Chrysene	14.69	228	1040823	39.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	872612	42.26	nq	# 98
84) Di-n-octyl phthalate	15.45	149	1493987	43.31	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	860522	37.52	nq	100
87) Benzo(b)fluoranthene	15.87	252	1036876	42.56	nq	98
88) Benzo(k)fluoranthene	15.90	252	921941	38.67	nq	97
89) Benzo(a)pyrene	16.22	252	920278	41.02	nq	100
90) Dibenzo(a,h)anthracene	17.66	278	727469	38.29	nq	98
91) Benzo(g,h,i)perylene	18.04	276	712122	37.19	nq	99

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

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