

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091187.D
 Acq On : 16 Nov 2016 14:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 17 14:25:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	241903	20.00	ng	-0.03
21) Naphthalene-d8	7.92	136	1044604	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	570292	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	933001	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	675928	20.00	ng	-0.03
86) Perylene-d12	15.15	264	597604	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1177617	80.40	ng	-0.05
7) Phenol-d6	6.28	99	1436630	72.26	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1490375	77.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	450672	87.41	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2607912	78.73	ng	-0.05
78) Terphenyl-d14	12.73	244	2522508	93.13	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	299193	35.71	ng	96
3) Pyridine	2.73	79	863593	44.06	ng	98
4) n-Nitrosodimethylamine	2.70	42	294115	37.93	ng	89
6) Aniline	6.28	93	891654	38.02	ng	96
8) 2-Chlorophenol	6.41	128	720379	41.23	ng	90
9) Benzaldehyde	6.17	77	404016	36.61	ng	93
10) Phenol	6.29	94	822965	37.40	ng	# 77
11) bis(2-Chloroethyl)ether	6.36	93	743417	40.10	ng	97
12) 1,3-Dichlorobenzene	6.56	146	732465	41.45	ng	96
13) 1,4-Dichlorobenzene	6.64	146	774777	40.86	ng	96
14) 1,2-Dichlorobenzene	6.80	146	672541	38.65	ng	95
15) Benzyl Alcohol	6.78	79	556975	39.72	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.91	45	897461	33.80	ng	# 44
17) 2-Methylphenol	6.91	107	567382	41.02	ng	# 91
18) Hexachloroethane	7.13	117	290607	39.61	ng	90
19) n-Nitroso-di-n-propylamine	7.06	70	520285	37.77	ng	# 93
20) 3+4-Methylphenols	7.06	107	700301	42.17	ng	88
22) Acetophenone	7.05	105	971929	40.41	ng	# 95
24) Nitrobenzene	7.22	77	845652	39.99	ng	99
25) Isophorone	7.46	82	1508688	40.89	ng	99
26) 2-Nitrophenol	7.54	139	413086	46.16	ng	# 68
27) 2,4-Dimethylphenol	7.58	122	614335	41.51	ng	97
28) bis(2-Chloroethoxy)methane	7.68	93	838770	41.61	ng	99
29) 2,4-Dichlorophenol	7.78	162	553722	42.87	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	653159	44.97	ng	99
31) Naphthalene	7.94	128	2089744	41.83	ng	100
32) Benzoic acid	7.77	122	415497	37.25	ng	99
33) 4-Chloroaniline	8.00	127	904131	43.52	ng	97
34) Hexachlorobutadiene	8.05	225	365389	46.61	ng	98
35) Caprolactam	8.40	113	189167	46.61	ng	# 88
36) 4-Chloro-3-methylphenol	8.50	107	714941	45.72	ng	97
37) 2-Methylnaphthalene	8.62	142	1272210	39.61	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	679896	46.76	ng	99
40) Hexachlorocyclopentadiene	8.78	237	180622	36.14	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	412954	43.99	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	414722	42.08	ng #	87
45) 1,1'-Biphenyl	9.09	154	1593735	38.27	ng	98
46) 2-Chloronaphthalene	9.12	162	1307321	41.35	ng	99
47) 2-Nitroaniline	9.22	65	443760	37.82	ng	94
48) Acenaphthylene	9.53	152	1900071	38.56	ng	99
49) Dimethylphthalate	9.41	163	1684166	45.04	ng	99
50) 2,6-Dinitrotoluene	9.47	165	369220	46.07	ng #	75
51) Acenaphthene	9.70	154	1160924	37.53	ng	99
52) 3-Nitroaniline	9.64	138	453699	47.74	ng	85
53) 2,4-Dinitrophenol	9.74	184	164914	41.08	ng #	47
54) Dibenzofuran	9.87	168	1586065	38.09	ng	98
55) 4-Nitrophenol	9.82	139	189561	33.54	ng #	77
56) 2,4-Dinitrotoluene	9.87	165	389238	38.17	ng #	70
57) Fluorene	10.21	166	1256152	36.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	357913	46.36	ng	99
59) Diethylphthalate	10.10	149	1498330	39.08	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	633810	40.92	ng	97
61) 4-Nitroaniline	10.26	138	401775	41.79	ng	98
62) Azobenzene	10.37	77	1745983	38.68	ng	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	241748	42.31	ng #	35
65) n-Nitrosodiphenylamine	10.34	169	1309355	44.15	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	401596	41.38	ng	89
67) Hexachlorobenzene	10.76	284	531503	49.66	ng #	89
68) Atrazine	10.87	200	304675	35.61	ng	96
69) Pentachlorophenol	10.96	266	196717	41.50	ng	98
70) Phenanthrene	11.17	178	2149587	43.34	ng	99
71) Anthracene	11.22	178	1864222	35.35	ng	98
72) Carbazole	11.38	167	1722994	36.26	ng	99
73) Di-n-butylphthalate	11.72	149	2348797	39.30	ng	98
74) Fluoranthene	12.35	202	1875594	36.46	ng	96
76) Benzidine	12.49	184	575207	38.09	ng	98
77) Pyrene	12.58	202	1995075	45.07	ng	99
79) Butylbenzylphthalate	13.21	149	964474	45.55	ng	94
80) Benzo(a)anthracene	13.77	228	1703911	44.40	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	729097	54.08	ng	99
82) Chrysene	13.81	228	1810868m	47.85	ng	
83) Bis(2-ethylhexyl)phthalate	13.78	149	1251029	43.66	ng #	94
84) Di-n-octyl phthalate	14.39	149	2033605	43.16	ng	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1376434	43.84	ng	97
87) Benzo(b)fluoranthene	14.77	252	1557828m	38.43	ng	
88) Benzo(k)fluoranthene	14.81	252	1699833m	47.81	ng	
89) Benzo(a)pyrene	15.09	252	1446043	40.98	ng #	97
90) Dibenzo(a,h)anthracene	16.43	278	1201352	39.38	ng	98
91) Benzo(g,h,i)perylene	16.80	276	1046890	37.95	ng	97

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

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