

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096630.D
 Acq On : 11 Jul 2017 5:27
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 11 05:57:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100687	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	383973	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	143727	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	217280	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	189636	20.00	ng	-0.01
86) Perylene-d12	15.23	264	154562	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	545040	79.90	ng	-0.02
7) Phenol-d6	6.33	99	634456	75.65	ng	-0.02
23) Nitrobenzene-d5	7.25	82	525158	82.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	92260	82.18	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	795009	94.57	ng	-0.02
78) Terphenyl-d14	12.78	244	672778	75.81	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	126417	39.08	ng	# 76
3) Pyridine	2.99	79	287102	32.35	ng	# 61
4) n-Nitrosodimethylamine	2.94	42	155056	35.40	ng	85
6) Aniline	6.35	93	396220	36.55	ng	# 39
8) 2-Chlorophenol	6.47	128	284219	39.07	ng	97
9) Benzaldehyde	6.23	77	187872	35.80	ng	100
10) Phenol	6.35	94	352440	36.89	ng	# 64
11) bis(2-Chloroethyl)ether	6.43	93	278784	37.76	ng	93
12) 1,3-Dichlorobenzene	6.63	146	294289	38.58	ng	99
13) 1,4-Dichlorobenzene	6.70	146	307232	40.30	ng	96
14) 1,2-Dichlorobenzene	6.86	146	282558	40.37	ng	95
15) Benzyl Alcohol	6.83	79	212502	37.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	579349	38.60	ng	91
17) 2-Methylphenol	6.95	107	219406	37.84	ng	96
18) Hexachloroethane	7.20	117	79830	28.88	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	179603	35.95	ng	# 82
20) 3+4-Methylphenols	7.10	107	258071	39.91	ng	92
22) Acetophenone	7.10	105	350226	41.74	ng	# 95
24) Nitrobenzene	7.27	77	273428	40.79	ng	95
25) Isophorone	7.51	82	475294	38.36	ng	98
26) 2-Nitrophenol	7.59	139	123090	34.69	ng	# 88
27) 2,4-Dimethylphenol	7.63	122	244171	40.42	ng	96
28) bis(2-Chloroethoxy)methane	7.73	93	323406	39.54	ng	99
29) 2,4-Dichlorophenol	7.83	162	210257	40.34	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	201212	40.92	ng	97
31) Naphthalene	7.99	128	726279	40.07	ng	100
32) Benzoic acid	7.75	122	151034	29.77	ng	94
33) 4-Chloroaniline	8.04	127	269707	35.82	ng	97
34) Hexachlorobutadiene	8.12	225	106811	42.35	ng	98
35) Caprolactam	8.41	113	63499	35.33	ng	# 68
36) 4-Chloro-3-methylphenol	8.53	107	213429	37.00	ng	87
37) 2-Methylnaphthalene	8.68	142	405473	35.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	161264	43.21	ng	99
40) Hexachlorocyclopentadiene	8.84	237	5457	3.01	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	118957	40.29	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	118705	40.67	nq	96
45) 1,1'-Biphenyl	9.15	154	545250	44.28	nq	98
46) 2-Chloronaphthalene	9.17	162	387445	42.22	nq	94
47) 2-Nitroaniline	9.26	65	141294	42.31	nq	94
48) Acenaphthylene	9.58	152	595402	40.94	nq	100
49) Dimethylphthalate	9.45	163	472212	44.01	nq	100
50) 2,6-Dinitrotoluene	9.50	165	88099	37.13	nq	# 82
51) Acenaphthene	9.76	154	345879	38.59	nq	99
52) 3-Nitroaniline	9.67	138	126230	42.66	nq	97
53) 2,4-Dinitrophenol	9.78	184	3827	3.04	nq	# 77
54) Dibenzofuran	9.93	168	445467	37.64	nq	97
55) 4-Nitrophenol	9.84	139	78610	32.05	nq	# 70
56) 2,4-Dinitrotoluene	9.91	165	99993	33.28	nq	# 93
57) Fluorene	10.27	166	355717	42.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	77028	38.14	nq	# 98
59) Diethylphthalate	10.15	149	427248	42.13	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	153637	42.25	nq	92
61) 4-Nitroaniline	10.28	138	117777	43.77	nq	92
62) Azobenzene	10.42	77	369146	37.64	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	7458	4.98	nq	90
65) n-Nitrosodiphenylamine	10.37	169	333566	43.75	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	94997	44.91	nq	94
67) Hexachlorobenzene	10.82	284	103633	44.76	nq	94
68) Atrazine	10.90	200	78141	35.88	nq	93
69) Pentachlorophenol	11.01	266	50954	37.13	nq	97
70) Phenanthrene	11.22	178	483889	41.20	nq	99
71) Anthracene	11.27	178	511787	42.76	nq	98
72) Carbazole	11.43	167	490859	40.78	nq	100
73) Di-n-butylphthalate	11.77	149	654859	44.92	nq	# 98
74) Fluoranthene	12.41	202	514738	44.70	nq	98
76) Benzidine	12.53	184	325125	35.73	nq	# 93
77) Pyrene	12.63	202	541711	35.59	nq	99
79) Butylbenzylphthalate	13.26	149	279103	36.22	nq	# 76
80) Benzo(a)anthracene	13.82	228	447238	40.73	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	196296	43.52	nq	# 96
82) Chrysene	13.86	228	457623	39.79	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	362854	42.19	nq	100
84) Di-n-octyl phthalate	14.43	149	663841	39.19	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.57	276	293151	32.29	nq	99
87) Benzo(b)fluoranthene	14.83	252	419242	43.29	nq	98
88) Benzo(k)fluoranthene	14.86	252	352299	40.67	nq	96
89) Benzo(a)pyrene	15.17	252	347928	40.24	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	238192	35.02	nq	98
91) Benzo(g,h,i)perylene	16.97	276	231443	32.84	nq	97

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

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