

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083360.D
 Acq On : 1 Dec 2015 4:14
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 01 06:08:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	174026	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	668224	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	346858	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	668215	20.00	ng	0.00
75) Chrysene-d12	14.75	240	596251	20.00	ng	-0.01
86) Perylene-d12	16.82	264	437774	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	921503	79.46	ng	0.00
7) Phenol-d6	6.22	99	1218215	76.74	ng	0.00
23) Nitrobenzene-d5	7.13	82	1154294	75.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	263502	75.68	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1813386	74.50	ng	0.00
78) Terphenyl-d14	13.22	244	1865474	74.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.94	88	234937	37.41	ng	98
3) Pyridine	2.56	79	639922	40.74	ng	99
4) n-Nitrosodimethylamine	2.52	42	312505	40.42	ng	93
6) Aniline	6.21	93	824532	37.97	ng	99
8) 2-Chlorophenol	6.34	128	503749	39.38	ng	100
9) Benzaldehyde	6.09	77	306781	40.22	ng	97
10) Phenol	6.24	94	719797	37.69	ng	100
11) bis(2-Chloroethyl)ether	6.29	93	527199	37.94	ng	99
12) 1,3-Dichlorobenzene	6.49	146	562785	39.58	ng	99
13) 1,4-Dichlorobenzene	6.57	146	570421	38.81	ng	100
14) 1,2-Dichlorobenzene	6.73	146	495751	36.77	ng	99
15) Benzyl Alcohol	6.72	79	488037	39.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	960590	39.40	ng	99
17) 2-Methylphenol	6.84	107	423781	39.74	ng	99
18) Hexachloroethane	7.06	117	195988	38.39	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	462900	40.80	ng	100
20) 3+4-Methylphenols	7.00	107	570733	39.52	ng	99
22) Acetophenone	6.98	105	789513	39.49	ng	100
24) Nitrobenzene	7.15	77	603485	37.18	ng	98
25) Isophorone	7.39	82	1143739	38.84	ng	99
26) 2-Nitrophenol	7.46	139	249564	37.66	ng	98
27) 2,4-Dimethylphenol	7.53	122	442006	39.79	ng	100
28) bis(2-Chloroethoxy)methane	7.61	93	648513	38.67	ng	99
29) 2,4-Dichlorophenol	7.71	162	409492	38.33	ng	99
30) 1,2,4-Trichlorobenzene	7.79	180	440004	37.84	ng	98
31) Naphthalene	7.86	128	1379802	38.06	ng	100
32) Benzoic acid	7.68	122	312365	40.77	ng	93
33) 4-Chloroaniline	7.93	127	617928	39.54	ng	99
34) Hexachlorobutadiene	7.98	225	254682	38.57	ng	98
35) Caprolactam	8.30	113	140936	41.75	ng	99
36) 4-Chloro-3-methylphenol	8.43	107	470138	39.23	ng	98
37) 2-Methylnaphthalene	8.56	142	907514	37.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	397229	36.13	ng	98
40) Hexachlorocyclopentadiene	8.70	237	191690	36.70	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	306031	39.68	nq	99
43) 2,4,5-Trichlorophenol	8.89	196	314635	39.37	nq	99
45) 1,1'-Biphenyl	9.01	154	1096201	36.04	nq	95
46) 2-Chloronaphthalene	9.04	162	870215	37.54	nq	100
47) 2-Nitroaniline	9.15	65	372582	40.59	nq	97
48) Acenaphthylene	9.45	152	1363556	36.88	nq	100
49) Dimethylphthalate	9.33	163	994326	35.27	nq	99
50) 2,6-Dinitrotoluene	9.39	165	237042	39.38	nq	98
51) Acenaphthene	9.62	154	805623	37.04	nq	100
52) 3-Nitroaniline	9.56	138	296206	41.98	nq	98
53) 2,4-Dinitrophenol	9.66	184	133631	40.74	nq	98
54) Dibenzofuran	9.79	168	1140976	35.80	nq	98
55) 4-Nitrophenol	9.74	139	165502	37.50	nq	100
56) 2,4-Dinitrotoluene	9.79	165	293719	38.45	nq	98
57) Fluorene	10.13	166	971389	38.60	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	247985	38.46	nq	99
59) Diethylphthalate	10.03	149	1031709	38.40	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	447973	38.74	nq	99
61) 4-Nitroaniline	10.18	138	295209	41.82	nq	99
62) Azobenzene	10.29	77	1304920	40.20	nq	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	194124	43.27	nq	98
65) n-Nitrosodiphenylamine	10.26	169	945332	40.26	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	281989	38.58	nq	99
67) Hexachlorobenzene	10.70	284	310600	38.43	nq	95
68) Atrazine	10.82	200	239480	36.87	nq	98
69) Pentachlorophenol	10.92	266	174958	41.33	nq	98
70) Phenanthrene	11.16	178	1507017	38.11	nq	99
71) Anthracene	11.22	178	1544743	38.80	nq	99
72) Carbazole	11.41	167	1386958	38.78	nq	99
73) Di-n-butylphthalate	11.86	149	1664020	39.26	nq	100
74) Fluoranthene	12.66	202	1541457	37.60	nq	98
76) Benzidine	12.87	184	724048	40.77	nq	100
77) Pyrene	12.97	202	1632759	39.21	nq	99
79) Butylbenzylphthalate	13.96	149	711180	40.26	nq	96
80) Benzo(a)anthracene	14.74	228	1387859	37.99	nq	100
81) 3,3'-Dichlorobenzidine	14.73	252	444281	38.94	nq	99
82) Chrysene	14.80	228	1326360	37.58	nq	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	974085	41.11	nq	99
84) Di-n-octyl phthalate	15.85	149	1507638	42.73	nq	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	992035	38.59	nq	99
87) Benzo(b)fluoranthene	16.31	252	1131462	40.28	nq	98
88) Benzo(k)fluoranthene	16.35	252	955483	36.02	nq	98
89) Benzo(a)pyrene	16.74	252	928036	38.47	nq	# 96
90) Dibenzo(a,h)anthracene	18.23	278	835944	39.76	nq	99
91) Benzo(g,h,i)perylene	18.57	276	812501	39.38	nq	96

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

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