

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104524.D
 Acq On : 16 Apr 2018 10:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 16 12:15:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155287	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	637523	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	293001	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	531072	20.00	ng	0.00
75) Chrysene-d12	13.99	240	376608	20.00	ng	0.00
86) Perylene-d12	15.46	264	311737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	755235	74.37	ng	0.00
7) Phenol-d6	6.45	99	922469	73.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	815320	83.51	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	235284	77.41	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1338298	72.16	ng	0.00
78) Terphenyl-d14	12.93	244	1272431	77.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	187941	39.716	ng	90
3) Pyridine	3.26	79	515649	38.757	ng	89
4) n-Nitrosodimethylamine	3.23	42	166334	35.764	ng	# 78
6) Aniline	6.47	93	631949	36.453	ng	98
8) 2-Chlorophenol	6.60	128	408836	38.141	ng	95
9) Benzaldehyde	6.36	77	237325	36.539	ng	95
10) Phenol	6.46	94	519068	39.205	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	403044	38.148	ng	94
12) 1,3-Dichlorobenzene	6.75	146	455191	37.484	ng	100
13) 1,4-Dichlorobenzene	6.83	146	460082	38.008	ng	100
14) 1,2-Dichlorobenzene	6.98	146	421782	37.600	ng	98
15) Benzyl Alcohol	6.96	79	339338	35.805	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	529708	37.333	ng	91
17) 2-Methylphenol	7.07	107	351755	37.752	ng	97
18) Hexachloroethane	7.32	117	168172	38.965	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	270287	33.148	ng	94
20) 3+4-Methylphenols	7.22	107	398436	34.479	ng	# 64
22) Acetophenone	7.22	105	550715	35.088	ng	95
24) Nitrobenzene	7.40	77	437121	40.552	ng	97
25) Isophorone	7.63	82	752452	36.446	ng	99
26) 2-Nitrophenol	7.71	139	221257	50.420	ng	97
27) 2,4-Dimethylphenol	7.75	122	325527	35.726	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	477900	37.859	ng	99
29) 2,4-Dichlorophenol	7.96	162	326543	37.560	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	359361	37.664	ng	99
31) Naphthalene	8.12	128	1177001	37.076	ng	100
32) Benzoic acid	7.88	122	303361	41.727	ng	97
33) 4-Chloroaniline	8.17	127	514418	37.824	ng	97
34) Hexachlorobutadiene	8.23	225	196251	37.552	ng	99
35) Caprolactam	8.55	113	112691	37.157	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	348244	37.357	ng	99
37) 2-Methylnaphthalene	8.81	142	754165	36.727	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	326910	38.976	ng	100
40) Hexachlorocyclopentadiene	8.96	237	166014	35.356	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	226122	38.837	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	253922	38.972	nq	98
45) 1,1'-Biphenyl	9.27	154	910422	36.988	nq	99
46) 2-Chloronaphthalene	9.30	162	732888	37.696	nq	100
47) 2-Nitroaniline	9.40	65	228396	47.503	nq	97
48) Acenaphthylene	9.72	152	1115526	36.570	nq	99
49) Dimethylphthalate	9.57	163	866883	37.519	nq	100
50) 2,6-Dinitrotoluene	9.64	165	192900	45.119	nq	97
51) Acenaphthene	9.89	154	657132	35.308	nq	99
52) 3-Nitroaniline	9.81	138	224879	44.929	nq	98
53) 2,4-Dinitrophenol	9.92	184	83707	55.771	nq	# 17
54) Dibenzofuran	10.06	168	957090	36.900	nq	99
55) 4-Nitrophenol	9.97	139	163140	41.493	nq	93
56) 2,4-Dinitrotoluene	10.05	165	252599	45.042	nq	91
57) Fluorene	10.40	166	714295	37.836	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	184538	37.964	nq	96
59) Diethylphthalate	10.27	149	840206	36.513	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	327349	38.935	nq	99
61) 4-Nitroaniline	10.43	138	224207	45.813	nq	95
62) Azobenzene	10.56	77	797260	36.264	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	131434	50.386	nq	89
65) n-Nitrosodiphenylamine	10.52	169	682483	37.064	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	215296	38.113	nq	# 89
67) Hexachlorobenzene	10.95	284	240763	37.878	nq	# 88
68) Atrazine	11.04	200	206631	37.177	nq	99
69) Pentachlorophenol	11.15	266	142424	36.219	nq	97
70) Phenanthrene	11.37	178	1059799	35.834	nq	99
71) Anthracene	11.42	178	1082129	35.995	nq	100
72) Carbazole	11.57	167	1048462	35.690	nq	99
73) Di-n-butylphthalate	11.90	149	1293271	36.038	nq	99
74) Fluoranthene	12.56	202	1091140	35.312	nq	98
76) Benzidine	12.68	184	434993	32.134	nq	99
77) Pyrene	12.79	202	1118251	40.058	nq	99
79) Butylbenzylphthalate	13.40	149	524158	39.856	nq	99
80) Benzo(a)anthracene	13.98	228	869848	38.662	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	314546	37.496	nq	97
82) Chrysene	14.02	228	857907	37.123	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	691401	40.873	nq	99
84) Di-n-octyl phthalate	14.59	149	1021446	36.138	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	728479	37.108	nq	98
87) Benzo(b)fluoranthene	15.03	252	712910	36.209	nq	98
88) Benzo(k)fluoranthene	15.06	252	732426	39.403	nq	100
89) Benzo(a)pyrene	15.40	252	664816	37.738	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	597287	41.282	nq	98
91) Benzo(g,h,i)perylene	17.36	276	613730	43.783	nq	96

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

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