

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098108.D
 Acq On : 29 Aug 2017 13:55
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 30 02:56:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	134489	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	541747	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	239029	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	447163	20.00	ng	0.00
75) Chrysene-d12	13.89	240	296244	20.00	ng	0.00
86) Perylene-d12	15.31	264	254662	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	704632	79.69	ng	-0.01
7) Phenol-d6	6.37	99	979826	81.56	ng	-0.01
23) Nitrobenzene-d5	7.30	82	883644	88.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	172982	83.41	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1234078	75.85	ng	-0.01
78) Terphenyl-d14	12.84	244	1120388	78.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	192762	39.092	ng	89
3) Pyridine	3.10	79	539641	39.587	ng	85
4) n-Nitrosodimethylamine	3.07	42	203689	38.834	ng	# 77
6) Aniline	6.40	93	658004	38.990	ng	98
8) 2-Chlorophenol	6.52	128	379921	40.744	ng	98
9) Benzaldehyde	6.29	77	281538	36.999	ng	91
10) Phenol	6.39	94	566976	40.354	ng	87
11) bis(2-Chloroethyl)ether	6.47	93	427648	40.327	ng	97
12) 1,3-Dichlorobenzene	6.67	146	403235	40.203	ng	# 93
13) 1,4-Dichlorobenzene	6.75	146	407204	39.918	ng	# 93
14) 1,2-Dichlorobenzene	6.91	146	370361	39.375	ng	98
15) Benzyl Alcohol	6.88	79	347522	38.638	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	549318	38.500	ng	89
17) 2-Methylphenol	7.00	107	331124	40.297	ng	95
18) Hexachloroethane	7.25	117	163323	40.837	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	313846	38.163	ng	# 88
20) 3+4-Methylphenols	7.15	107	392774	39.135	ng	91
22) Acetophenone	7.15	105	535850	37.441	ng	# 90
24) Nitrobenzene	7.32	77	477443	42.999	ng	92
25) Isophorone	7.56	82	817404	39.419	ng	96
26) 2-Nitrophenol	7.64	139	195783	48.595	ng	# 84
27) 2,4-Dimethylphenol	7.68	122	346512	40.068	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	539922	39.605	ng	99
29) 2,4-Dichlorophenol	7.88	162	293281	40.854	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	317234	39.863	ng	99
31) Naphthalene	8.05	128	1096292	38.980	ng	99
32) Benzoic acid	7.83	122	269688	43.494	ng	91
33) 4-Chloroaniline	8.09	127	471399	39.743	ng	99
34) Hexachlorobutadiene	8.16	225	189040	40.684	ng	98
35) Caprolactam	8.48	113	102596	42.039	ng	99
36) 4-Chloro-3-methylphenol	8.58	107	368843	39.990	ng	# 79
37) 2-Methylnaphthalene	8.73	142	676767	39.249	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	297086	40.499	ng	98
40) Hexachlorocyclopentadiene	8.89	237	132231	37.521	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	203962	41.413	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	205705	42.101	nq	96
45) 1,1'-Biphenyl	9.20	154	850283	39.009	nq	97
46) 2-Chloronaphthalene	9.22	162	630814	39.168	nq #	92
47) 2-Nitroaniline	9.32	65	250083	46.318	nq	97
48) Acenaphthylene	9.64	152	985206	38.954	nq	99
49) Dimethylphthalate	9.50	163	693969	39.718	nq	100
50) 2,6-Dinitrotoluene	9.56	165	152394	43.696	nq #	56
51) Acenaphthene	9.81	154	587032	36.803	nq	99
52) 3-Nitroaniline	9.73	138	199687	44.378	nq	86
53) 2,4-Dinitrophenol	9.84	184	72236	48.163	nq #	79
54) Dibenzofuran	9.98	168	815099	38.128	nq	99
55) 4-Nitrophenol	9.90	139	141571	39.440	nq #	48
56) 2,4-Dinitrotoluene	9.97	165	193197	44.141	nq #	60
57) Fluorene	10.32	166	636266	38.496	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	153596	40.603	nq	94
59) Diethylphthalate	10.20	149	699136	38.264	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	299528	39.009	nq #	85
61) 4-Nitroaniline	10.35	138	197416	46.161	nq	78
62) Azobenzene	10.47	77	804914	37.086	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	102158	48.398	nq #	70
65) n-Nitrosodiphenylamine	10.43	169	600106	39.410	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	188269	40.545	nq	95
67) Hexachlorobenzene	10.87	284	188295	39.784	nq #	86
68) Atrazine	10.96	200	144637	35.817	nq	99
69) Pentachlorophenol	11.06	266	108718	39.397	nq	98
70) Phenanthrene	11.28	178	900139	37.776	nq	100
71) Anthracene	11.33	178	931175	38.529	nq	99
72) Carbazole	11.49	167	879472	38.337	nq	98
73) Di-n-butylphthalate	11.82	149	1060099	40.118	nq	99
74) Fluoranthene	12.47	202	928914	37.349	nq	100
76) Benzidine	12.59	184	349110	35.942	nq #	93
77) Pyrene	12.70	202	956843	39.491	nq	99
79) Butylbenzylphthalate	13.32	149	403638	43.451	nq #	70
80) Benzo(a)anthracene	13.88	228	659772	37.160	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	256370	42.790	nq #	96
82) Chrysene	13.92	228	670268	37.949	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	493753	47.966	nq #	100
84) Di-n-octyl phthalate	14.49	149	877869	49.013	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	634326	48.821	nq	94
87) Benzo(b)fluoranthene	14.90	252	643169	40.067	nq	99
88) Benzo(k)fluoranthene	14.93	252	532903	35.336	nq #	94
89) Benzo(a)pyrene	15.25	252	561928	39.543	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	540397	46.711	nq	96
91) Benzo(g,h,i)perylene	17.11	276	568822	47.122	nq #	92

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

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