

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098134.D
 Acq On : 30 Aug 2017 2:37
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 30 07:45:31 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	144331	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	544616	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	217644	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	342343	20.00	ng	0.00
75) Chrysene-d12	13.89	240	291570	20.00	ng	0.00
86) Perylene-d12	15.31	264	234546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	751506	79.20	ng	-0.01
7) Phenol-d6	6.38	99	1024934	79.50	ng	0.00
23) Nitrobenzene-d5	7.31	82	894695	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	137327	72.72	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1227834	82.88	ng	-0.01
78) Terphenyl-d14	12.84	244	923231	66.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	205561	38.845	ng	87
3) Pyridine	3.09	79	570025	38.965	ng	86
4) n-Nitrosodimethylamine	3.06	42	206944	36.764	ng	# 70
6) Aniline	6.40	93	678771	37.478	ng	97
8) 2-Chlorophenol	6.52	128	405572	40.529	ng	96
9) Benzaldehyde	6.29	77	301861	36.965	ng	90
10) Phenol	6.39	94	576572	38.238	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	453015	39.806	ng	94
12) 1,3-Dichlorobenzene	6.67	146	430527	39.997	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	433826	39.628	ng	96
14) 1,2-Dichlorobenzene	6.91	146	393166	38.950	ng	98
15) Benzyl Alcohol	6.89	79	352757	36.546	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	579491	37.845	ng	90
17) 2-Methylphenol	7.00	107	345312	39.158	ng	97
18) Hexachloroethane	7.25	117	158829	37.005	ng	# 78
19) n-Nitroso-di-n-propylamine	7.16	70	322336	36.523	ng	# 88
20) 3+4-Methylphenols	7.16	107	400168	37.153	ng	97
22) Acetophenone	7.15	105	547199	38.033	ng	# 90
24) Nitrobenzene	7.33	77	482970	43.267	ng	95
25) Isophorone	7.57	82	828071	39.723	ng	97
26) 2-Nitrophenol	7.64	139	186015	46.216	ng	# 82
27) 2,4-Dimethylphenol	7.68	122	345473	39.737	ng	93
28) bis(2-Chloroethoxy)methane	7.77	93	568533	41.484	ng	98
29) 2,4-Dichlorophenol	7.89	162	290122	40.201	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	327858	40.981	ng	99
31) Naphthalene	8.05	128	1099314	38.881	ng	99
32) Benzoic acid	7.81	122	145372	26.292	ng	85
33) 4-Chloroaniline	8.10	127	460915	38.654	ng	97
34) Hexachlorobutadiene	8.16	225	189873	40.648	ng	98
35) Caprolactam	8.48	113	91563	37.320	ng	95
36) 4-Chloro-3-methylphenol	8.58	107	346844	37.407	ng	# 78
37) 2-Methylnaphthalene	8.73	142	663953	38.303	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	286409	42.879	ng	98
40) Hexachlorocyclopentadiene	8.89	237	31171	9.714	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	182580	40.715	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	173206	38.933	nq	98
45) 1,1'-Biphenyl	9.20	154	837939	42.220	nq	96
46) 2-Chloronaphthalene	9.22	162	594334	40.529	nq	# 91
47) 2-Nitroaniline	9.32	65	228542	46.488	nq	97
48) Acenaphthylene	9.64	152	896859	38.946	nq	99
49) Dimethylphthalate	9.50	163	705019	44.315	nq	99
50) 2,6-Dinitrotoluene	9.56	165	139010	43.774	nq	# 55
51) Acenaphthene	9.81	154	532907	36.692	nq	99
52) 3-Nitroaniline	9.73	138	176600	43.103	nq	87
53) 2,4-Dinitrophenol	9.84	184	10055	15.954	nq	# 77
54) Dibenzofuran	9.98	168	734292	37.723	nq	99
55) 4-Nitrophenol	9.89	139	98598	30.167	nq	# 35
56) 2,4-Dinitrotoluene	9.97	165	162809	40.853	nq	# 62
57) Fluorene	10.32	166	559678	37.189	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	115875	33.641	nq	94
59) Diethylphthalate	10.20	149	683519	41.085	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	282345	40.384	nq	# 84
61) 4-Nitroaniline	10.35	138	158078	40.595	nq	78
62) Azobenzene	10.47	77	707052	35.778	nq	94
64) 4,6-Dinitro-2-methylphenol	10.37	198	19385	18.254	nq	# 78
65) n-Nitrosodiphenylamine	10.43	169	535697	45.952	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	164728	46.337	nq	93
67) Hexachlorobenzene	10.87	284	153123	42.258	nq	# 87
68) Atrazine	10.96	200	122965	39.773	nq	98
69) Pentachlorophenol	11.06	266	117025	55.391	nq	98
70) Phenanthrene	11.28	178	713280	39.100	nq	99
71) Anthracene	11.33	178	727889	39.339	nq	99
72) Carbazole	11.49	167	674404	38.399	nq	98
73) Di-n-butylphthalate	11.82	149	968030	47.851	nq	99
74) Fluoranthene	12.46	202	723728	38.009	nq	98
76) Benzidine	12.59	184	335389	35.083	nq	# 92
77) Pyrene	12.69	202	752880	31.571	nq	99
79) Butylbenzylphthalate	13.32	149	362236	39.619	nq	# 73
80) Benzo(a)anthracene	13.88	228	644187	36.863	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	262851	44.575	nq	# 97
82) Chrysene	13.92	228	648530	37.307	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	502036	49.552	nq	# 100
84) Di-n-octyl phthalate	14.49	149	973480	55.222	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	442090	34.571	nq	95
87) Benzo(b)fluoranthene	14.90	252	641904	43.418	nq	99
88) Benzo(k)fluoranthene	14.93	252	538626	38.779	nq	# 94
89) Benzo(a)pyrene	15.25	252	535400	40.908	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	390989	36.695	nq	96
91) Benzo(g,h,i)perylene	17.10	276	368924	33.183	nq	93

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

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