

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100665.D
 Acq On : 17 Nov 2017 9:50
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 17 15:30:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97287	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	393456	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	181122	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	358767	20.00	ng	0.00
75) Chrysene-d12	14.04	240	285343	20.00	ng	0.00
86) Perylene-d12	15.52	264	238851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	492340	81.12	ng	0.00
7) Phenol-d6	6.51	99	594008	79.37	ng	0.00
23) Nitrobenzene-d5	7.45	82	540581	90.84	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	169559	91.87	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1029787	86.58	ng	0.00
78) Terphenyl-d14	12.99	244	1012235	81.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	115540	39.065	ng	98
3) Pyridine	3.45	79	303977	37.671	ng	95
4) n-Nitrosodimethylamine	3.40	42	141544	36.129	ng	98
6) Aniline	6.55	93	403653	38.177	ng	97
8) 2-Chlorophenol	6.67	128	265087	41.287	ng	96
9) Benzaldehyde	6.43	77	194021	36.302	ng	97
10) Phenol	6.52	94	312066	39.720	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	258355	39.149	ng	99
12) 1,3-Dichlorobenzene	6.82	146	308159	41.630	ng	97
13) 1,4-Dichlorobenzene	6.90	146	314534	41.982	ng	99
14) 1,2-Dichlorobenzene	7.06	146	290694	41.965	ng	96
15) Benzyl Alcohol	7.02	79	234466	40.142	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	395429	37.465	ng	97
17) 2-Methylphenol	7.13	107	224533	40.923	ng	97
18) Hexachloroethane	7.40	117	104081	42.134	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	196751	37.908	ng	97
20) 3+4-Methylphenols	7.28	107	279575	40.267	ng	97
22) Acetophenone	7.29	105	379083	39.511	ng	# 97
24) Nitrobenzene	7.47	77	272477	44.484	ng	95
25) Isophorone	7.70	82	471928	37.736	ng	99
26) 2-Nitrophenol	7.78	139	146222	50.588	ng	92
27) 2,4-Dimethylphenol	7.81	122	227420	40.566	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	322023	39.365	ng	99
29) 2,4-Dichlorophenol	8.02	162	229625	42.905	ng	95
30) 1,2,4-Trichlorobenzene	8.10	180	244937	42.309	ng	98
31) Naphthalene	8.19	128	777350	41.019	ng	99
32) Benzoic acid	7.93	122	185907	44.221	ng	98
33) 4-Chloroaniline	8.23	127	322146	40.838	ng	99
34) Hexachlorobutadiene	8.30	225	143660	41.736	ng	100
35) Caprolactam	8.61	113	70600	38.439	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	230274	40.062	ng	97
37) 2-Methylnaphthalene	8.88	142	515403	40.965	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	269039	44.788	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	125422	44.363	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	167122	43.898	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	181786	46.087	nq	# 92
45) 1,1'-Biphenyl	9.35	154	665657	42.493	nq	98
46) 2-Chloronaphthalene	9.37	162	496668	43.703	nq	95
47) 2-Nitroaniline	9.46	65	149072	44.602	nq	98
48) Acenaphthylene	9.79	152	798872	42.417	nq	99
49) Dimethylphthalate	9.64	163	574609	41.551	nq	99
50) 2,6-Dinitrotoluene	9.70	165	127459	46.563	nq	89
51) Acenaphthene	9.96	154	493798	43.111	nq	99
52) 3-Nitroaniline	9.87	138	146302	45.261	nq	96
53) 2,4-Dinitrophenol	9.97	184	61428	59.259	nq	# 18
54) Dibenzofuran	10.13	168	668583	41.646	nq	98
55) 4-Nitrophenol	10.02	139	115076	43.844	nq	93
56) 2,4-Dinitrotoluene	10.11	165	168218	48.713	nq	# 84
57) Fluorene	10.47	166	518968	44.128	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	138341	42.794	nq	# 86
59) Diethylphthalate	10.34	149	555793	40.162	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	256753	44.503	nq	93
61) 4-Nitroaniline	10.49	138	143271	46.744	nq	89
62) Azobenzene	10.62	77	498228	38.225	nq	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	100118	53.971	nq	81
65) n-Nitrosodiphenylamine	10.58	169	505693	40.538	nq	97
66) 4-Bromophenyl-phenylether	10.95	248	161886	42.093	nq	# 83
67) Hexachlorobenzene	11.02	284	168584	41.911	nq	# 88
68) Atrazine	11.10	200	154253	40.850	nq	94
69) Pentachlorophenol	11.21	266	119929	41.580	nq	98
70) Phenanthrene	11.43	178	775107	41.034	nq	98
71) Anthracene	11.49	178	789875	41.216	nq	98
72) Carbazole	11.64	167	723418	40.910	nq	99
73) Di-n-butylphthalate	11.96	149	873140	42.194	nq	99
74) Fluoranthene	12.62	202	822395	41.080	nq	96
76) Benzidine	12.74	184	453207	39.660	nq	97
77) Pyrene	12.85	202	832732	40.940	nq	99
79) Butylbenzylphthalate	13.46	149	358113	43.172	nq	98
80) Benzo(a)anthracene	14.03	228	721709	42.001	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	255595	41.516	nq	# 95
82) Chrysene	14.07	228	666596	40.061	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	491382	45.039	nq	99
84) Di-n-octyl phthalate	14.63	149	783537	41.805	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	525882	39.073	nq	95
87) Benzo(b)fluoranthene	15.09	252	575976	40.703	nq	98
88) Benzo(k)fluoranthene	15.12	252	592449	44.311	nq	96
89) Benzo(a)pyrene	15.46	252	527386	42.039	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	439225	42.812	nq	97
91) Benzo(g,h,i)perylene	17.46	276	433798	43.195	nq	94

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

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