

Data Path : U:\HPCHEM1\BNA_F\DATA\BF012618\
 Data File : BF102489.D
 Acq On : 27 Jan 2018 1:27
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 02:48:29 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147735	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	592384	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	236718	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	342787	20.00	ng	0.00
75) Chrysene-d12	13.89	240	264693	20.00	ng	0.01
86) Perylene-d12	15.32	264	183346	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	769740	79.00	ng	0.00
7) Phenol-d6	6.37	99	895139	76.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	741913	71.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	112599	48.01	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1344141	83.49	ng	0.00
78) Terphenyl-d14	12.83	244	908326	77.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	185323	40.032	ng	98
3) Pyridine	3.04	79	502862	41.566	ng	95
4) n-Nitrosodimethylamine	3.01	42	195415	41.202	ng	98
6) Aniline	6.39	93	648379	41.732	ng	# 64
8) 2-Chlorophenol	6.51	128	393396	38.517	ng	97
9) Benzaldehyde	6.27	77	276315	43.849	ng	98
10) Phenol	6.38	94	474172	36.975	ng	# 55
11) bis(2-Chloroethyl)ether	6.46	93	400963	41.109	ng	97
12) 1,3-Dichlorobenzene	6.66	146	470822	38.760	ng	99
13) 1,4-Dichlorobenzene	6.74	146	478826	39.351	ng	99
14) 1,2-Dichlorobenzene	6.89	146	434183	39.010	ng	98
15) Benzyl Alcohol	6.87	79	299543	36.142	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	646192	39.502	ng	75
17) 2-Methylphenol	6.99	107	334934	37.759	ng	95
18) Hexachloroethane	7.23	117	86229	20.336	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	284313	39.551	ng	98
20) 3+4-Methylphenols	7.15	107	417134	39.984	ng	94
22) Acetophenone	7.13	105	567831	40.211	ng	97
24) Nitrobenzene	7.31	77	385731	36.565	ng	100
25) Isophorone	7.55	82	722108	39.294	ng	99
26) 2-Nitrophenol	7.62	139	48133	8.669	ng	97
27) 2,4-Dimethylphenol	7.67	122	317077	39.330	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	463919	40.866	ng	98
29) 2,4-Dichlorophenol	7.87	162	282381	34.386	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	336460	38.221	ng	98
31) Naphthalene	8.03	128	1142475	38.627	ng	100
32) Benzoic acid	7.82	122	45944	6.802	ng	94
33) 4-Chloroaniline	8.08	127	481495	38.713	ng	99
34) Hexachlorobutadiene	8.14	225	179878	38.258	ng	99
35) Caprolactam	8.46	113	94331	34.781	ng	91
36) 4-Chloro-3-methylphenol	8.57	107	280036	32.351	ng	97
37) 2-Methylnaphthalene	8.72	142	728537	36.987	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	291762	40.967	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	149885	31.438	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	160822	29.960	ng	99
45) 1,1'-Biphenyl	9.19	154	855779	40.431	ng	97

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Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.21	162	644097	39.149	ng	99
47) 2-Nitroaniline	9.31	65	176924	34.493	ng	96
48) Acenaphthylene	9.62	152	987497	38.526	ng	99
49) Dimethylphthalate	9.48	163	799728	40.873	ng	100
50) 2,6-Dinitrotoluene	9.55	165	87371	20.711	ng	94
51) Acenaphthene	9.79	154	563026	37.611	ng	99
52) 3-Nitroaniline	9.72	138	190208	38.115	ng	98
54) Dibenzofuran	9.96	168	802058	39.589	ng	97
55) 4-Nitrophenol	9.91	139	41863	12.708	ng	95
56) 2,4-Dinitrotoluene	9.96	165	79615	15.347	ng	# 75
57) Fluorene	10.31	166	600834	37.426	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	102594	26.768	ng	96
59) Diethylphthalate	10.18	149	759618	39.951	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	279136	40.104	ng	98
61) 4-Nitroaniline	10.33	138	178126	35.770	ng	91
62) Azobenzene	10.46	77	640403	36.788	ng	98
64) 4,6-Dinitro-2-methylphenol	10.09	198	5803	2.537	ng	# 27
65) n-Nitrosodiphenylamine	10.42	169	553290	43.976	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	155665	42.185	ng	97
67) Hexachlorobenzene	10.86	284	152214	36.883	ng	94
68) Atrazine	10.95	200	144713	38.944	ng	97
69) Pentachlorophenol	11.06	266	36938	17.038	ng	98
70) Phenanthrene	11.27	178	770917	38.594	ng	99
71) Anthracene	11.32	178	790344	38.765	ng	99
72) Carbazole	11.48	167	774874	38.957	ng	99
73) Di-n-butylphthalate	11.80	149	1053844	42.387	ng	99
74) Fluoranthene	12.46	202	775133	38.053	ng	98
76) Benzidine	12.59	184	395705	44.501	ng	99
77) Pyrene	12.69	202	804241	39.298	ng	99
79) Butylbenzylphthalate	13.30	149	412166	40.470	ng	97
80) Benzo(a)anthracene	13.88	228	652935	40.066	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	254986	42.654	ng	98
82) Chrysene	13.92	228	633701	38.293	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	590078	43.113	ng	# 99
84) Di-n-octyl phthalate	14.47	149	937833	42.134	ng	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	408662	29.901	ng	97
87) Benzo(b)fluoranthene	14.91	252	476386	40.088	ng	98
88) Benzo(k)fluoranthene	14.94	252	475920	42.389	ng	98
89) Benzo(a)pyrene	15.26	252	422136	39.387	ng	99
90) Dibenzo(a,h)anthracene	16.74	278	343818	39.602	ng	98
91) Benzo(a,h,i)perylene	17.15	276	336269	39.227	ng	99

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

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