

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102097.D
 Acq On : 16 Jan 2018 9:43
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 17 07:25:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	190744	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	796471	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	357444	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	629353	20.00	ng	0.00
75) Chrysene-d12	13.87	240	461261	20.00	ng	0.00
86) Perylene-d12	15.29	264	413161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	949316	70.28	ng	0.00
7) Phenol-d6	6.36	99	1153109	71.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	1061129	78.29	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	262740	84.23	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1768074	77.28	ng	0.00
78) Terphenyl-d14	12.83	244	1471740	66.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	196894	29.208	ng	97
3) Pyridine	3.09	79	494916	26.884	ng	96
4) n-Nitrosodimethylamine	3.05	42	201759	26.171	ng	94
6) Aniline	6.39	93	808454	35.595	ng	98
8) 2-Chlorophenol	6.51	128	507780	37.481	ng	96
9) Benzaldehyde	6.27	77	355717	31.788	ng	94
10) Phenol	6.37	94	629650	34.571	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	494752	35.689	ng	95
12) 1,3-Dichlorobenzene	6.66	146	586277	37.541	ng	99
13) 1,4-Dichlorobenzene	6.74	146	588951	37.793	ng	99
14) 1,2-Dichlorobenzene	6.89	146	543115	37.654	ng	99
15) Benzyl Alcohol	6.87	79	423174	35.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	851633	33.325	ng	99
17) 2-Methylphenol	6.98	107	451831	36.971	ng	98
18) Hexachloroethane	7.23	117	210607	38.378	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	360380	34.122	ng	97
20) 3+4-Methylphenols	7.14	107	508713	34.668	ng	# 63
22) Acetophenone	7.14	105	674352	35.140	ng	# 90
24) Nitrobenzene	7.31	77	554781	38.092	ng	99
25) Isophorone	7.55	82	973180	36.339	ng	100
26) 2-Nitrophenol	7.62	139	294132	48.252	ng	99
27) 2,4-Dimethylphenol	7.66	122	416606	36.594	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	588781	36.411	ng	99
29) 2,4-Dichlorophenol	7.86	162	419366	38.795	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	440192	38.931	ng	97
31) Naphthalene	8.03	128	1475661	37.078	ng	100
32) Benzoic acid	7.80	122	342153	39.634	ng	96
33) 4-Chloroaniline	8.08	127	641952	37.792	ng	100
34) Hexachlorobutadiene	8.15	225	236471	39.510	ng	97
35) Caprolactam	8.46	113	143902	38.777	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	446713	37.752	ng	98
37) 2-Methylnaphthalene	8.72	142	975096	37.217	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	394103	38.972	ng	100
40) Hexachlorocyclopentadiene	8.87	237	233588	42.238	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	275108	39.479	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	312017	39.616	nq	96
45) 1,1'-Biphenyl	9.19	154	1166701	36.928	nq	98
46) 2-Chloronaphthalene	9.21	162	923682	37.701	nq	98
47) 2-Nitroaniline	9.30	65	312259	42.548	nq	93
48) Acenaphthylene	9.62	152	1442884	37.110	nq	99
49) Dimethylphthalate	9.49	163	1090454	38.029	nq	100
50) 2,6-Dinitrotoluene	9.55	165	241740	42.205	nq	97
51) Acenaphthene	9.79	154	829648	35.156	nq	98
52) 3-Nitroaniline	9.72	138	296338	40.994	nq	90
53) 2,4-Dinitrophenol	9.82	184	120206	57.631	nq	# 20
54) Dibenzofuran	9.97	168	1187147	36.653	nq	99
55) 4-Nitrophenol	9.88	139	222322	41.269	nq	90
56) 2,4-Dinitrotoluene	9.95	165	312610	43.545	nq	97
57) Fluorene	10.31	166	888993	39.705	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	223620	39.880	nq	99
59) Diethylphthalate	10.19	149	1064309	37.314	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	384997	40.382	nq	96
61) 4-Nitroaniline	10.33	138	294696	42.956	nq	93
62) Azobenzene	10.46	77	994816	35.055	nq	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	173583	50.456	nq	82
65) n-Nitrosodiphenylamine	10.42	169	852717	36.183	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	251852	37.894	nq	98
67) Hexachlorobenzene	10.85	284	276185	38.065	nq	96
68) Atrazine	10.95	200	259659	38.125	nq	100
69) Pentachlorophenol	11.05	266	184547	41.711	nq	99
70) Phenanthrene	11.27	178	1317848	35.848	nq	99
71) Anthracene	11.32	178	1349253	36.188	nq	99
72) Carbazole	11.47	167	1330383	36.303	nq	98
73) Di-n-butylphthalate	11.80	149	1635709	36.381	nq	99
74) Fluoranthene	12.45	202	1329077	36.746	nq	99
76) Benzidine	12.57	184	669904	30.076	nq	99
77) Pyrene	12.68	202	1378046	33.798	nq	99
79) Butylbenzylphthalate	13.30	149	697569	37.280	nq	100
80) Benzo(a)anthracene	13.86	228	1040200	35.345	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	413824	37.976	nq	97
82) Chrysene	13.90	228	1108155	36.111	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	811109	37.787	nq	100
84) Di-n-octyl phthalate	14.47	149	1392310	39.088	nq	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	870282	38.965	nq	98
87) Benzo(b)fluoranthene	14.89	252	989296	36.723	nq	97
88) Benzo(k)fluoranthene	14.92	252	966129	37.176	nq	99
89) Benzo(a)pyrene	15.23	252	903484	37.270	nq	97
90) Dibenzo(a,h)anthracene	16.69	278	716153	37.019	nq	98
91) Benzo(g,h,i)perylene	17.08	276	702880	36.069	nq	97

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

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