

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102977.D
 Acq On : 14 Feb 2018 9:39
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 14 12:37:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157854	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	673173	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	309650	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	553797	20.00	ng	0.00
75) Chrysene-d12	14.05	240	437656	20.00	ng	0.01
86) Perylene-d12	15.52	264	425654	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	812533	78.17	ng	0.00
7) Phenol-d6	6.51	99	980876	78.37	ng	0.01
23) Nitrobenzene-d5	7.45	82	880981	90.79	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	218748	87.77	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1401684	75.11	ng	0.00
78) Terphenyl-d14	12.99	244	1284509	69.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	205603	40.048	ng	89
3) Pyridine	3.42	79	564248	39.780	ng	92
4) n-Nitrosodimethylamine	3.37	42	233237	38.432	ng	98
6) Aniline	6.55	93	715801	38.729	ng	97
8) 2-Chlorophenol	6.66	128	427048	39.907	ng	95
9) Benzaldehyde	6.43	77	316078	34.008	ng	98
10) Phenol	6.52	94	579086	43.175	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	430165	38.543	ng	94
12) 1,3-Dichlorobenzene	6.82	146	476649	38.465	ng	99
13) 1,4-Dichlorobenzene	6.90	146	472851	38.306	ng	98
14) 1,2-Dichlorobenzene	7.05	146	438342	38.125	ng	98
15) Benzyl Alcohol	7.02	79	387107	40.231	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	768302	36.239	ng	98
17) 2-Methylphenol	7.13	107	383340	38.836	ng	99
18) Hexachloroethane	7.39	117	174578	41.243	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	301574	36.547	ng	95
20) 3+4-Methylphenols	7.28	107	456868	37.533	ng	# 88
22) Acetophenone	7.29	105	593245	36.013	ng	# 97
24) Nitrobenzene	7.46	77	484253	42.420	ng	99
25) Isophorone	7.70	82	841989	37.681	ng	98
26) 2-Nitrophenol	7.77	139	244931	51.466	ng	94
27) 2,4-Dimethylphenol	7.81	122	350045	37.080	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	508332	38.403	ng	99
29) 2,4-Dichlorophenol	8.02	162	345517	40.261	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	367429	37.846	ng	100
31) Naphthalene	8.19	128	1234473	37.534	ng	99
32) Benzoic acid	7.94	122	315538	47.511	ng	99
33) 4-Chloroaniline	8.23	127	541955	38.250	ng	99
34) Hexachlorobutadiene	8.30	225	187801	37.750	ng	98
35) Caprolactam	8.61	113	124607	41.809	ng	# 75
36) 4-Chloro-3-methylphenol	8.71	107	388714	40.313	ng	98
37) 2-Methylnaphthalene	8.87	142	806024	37.431	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	324680	38.509	ng	99
40) Hexachlorocyclopentadiene	9.02	237	138358	34.520	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	228888	41.332	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	258404	41.400	ng	97
45) 1,1'-Biphenyl	9.34	154	969054	37.156	ng	99
46) 2-Chloronaphthalene	9.36	162	772457	37.621	ng	99
47) 2-Nitroaniline	9.46	65	295586	46.750	ng	85
48) Acenaphthylene	9.78	152	1204053	37.755	ng	100
49) Dimethylphthalate	9.64	163	943932	39.096	ng	99
50) 2,6-Dinitrotoluene	9.70	165	208242	45.335	ng	96
51) Acenaphthene	9.95	154	700670	36.739	ng	99
52) 3-Nitroaniline	9.87	138	258163	45.676	ng	96
53) 2,4-Dinitrophenol	9.98	184	79556	61.723	ng	# 21
54) Dibenzofuran	10.12	168	1010733	37.606	ng	97
55) 4-Nitrophenol	10.03	139	184546	41.758	ng	91
56) 2,4-Dinitrotoluene	10.10	165	278291	45.354	ng	93
57) Fluorene	10.47	166	780552	39.915	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179525	41.499	ng	98
59) Diethylphthalate	10.33	149	921963	38.673	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	343676	39.728	ng	97
61) 4-Nitroaniline	10.49	138	262459	48.785	ng	95
62) Azobenzene	10.62	77	926192	38.889	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	137334	56.280	ng	93
65) n-Nitrosodiphenylamine	10.57	169	727384	37.237	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	219257	37.428	ng	96
67) Hexachlorobenzene	11.02	284	243304	37.648	ng	93
68) Atrazine	11.10	200	223554	38.793	ng	95
69) Pentachlorophenol	11.21	266	141314	37.250	ng	97
70) Phenanthrene	11.43	178	1144639	37.112	ng	99
71) Anthracene	11.48	178	1157514	36.899	ng	100
72) Carbazole	11.64	167	1167856	38.000	ng	99
73) Di-n-butylphthalate	11.96	149	1501547	40.221	ng	99
74) Fluoranthene	12.62	202	1180282	38.035	ng	99
76) Benzidine	12.74	184	661185	32.871	ng	100
77) Pyrene	12.85	202	1242596	36.207	ng	99
79) Butylbenzylphthalate	13.46	149	673763	41.191	ng	99
80) Benzo(a)anthracene	14.04	228	1074824	39.050	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	405995	39.782	ng	98
82) Chrysene	14.07	228	1029616	37.109	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	925812	44.037	ng	99
84) Di-n-octyl phthalate	14.62	149	1467611	46.492	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	918100	39.897	ng	98
87) Benzo(b)fluoranthene	15.09	252	1030586	37.345	ng	97
88) Benzo(k)fluoranthene	15.12	252	999459	37.904	ng	99
89) Benzo(a)pyrene	15.46	252	958535	38.588	ng	98
90) Dibenzo(a,h)anthracene	17.04	278	763080	37.847	ng	100
91) Benzo(g,h,i)perylene	17.49	276	759041	38.463	ng	99

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

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