

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096723.D
 Acq On : 13 Jul 2017 12:58
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jul 13 13:27:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 12:56:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	95078	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	404917	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	175674	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	300427	20.00	ng	0.00
75) Chrysene-d12	13.77	240	168408	20.00	ng	0.00
86) Perylene-d12	15.16	264	164824	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	616998	95.78	ng	0.00
7) Phenol-d6	6.28	99	738768	93.29	ng	0.00
23) Nitrobenzene-d5	7.20	82	647572	96.10	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	148202	108.00	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1081282	105.24	ng	0.00
78) Terphenyl-d14	12.73	244	916276	116.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	159498	52.217	ng	# 75
3) Pyridine	2.90	79	367784	43.884	ng	# 61
4) n-Nitrosodimethylamine	2.85	42	203188	49.119	ng	# 79
6) Aniline	6.30	93	454154	44.371	ng	# 23
8) 2-Chlorophenol	6.42	128	338203	49.233	ng	94
9) Benzaldehyde	6.18	77	206036	41.572	ng	99
10) Phenol	6.30	94	410001	45.445	ng	# 72
11) bis(2-Chloroethyl)ether	6.38	93	315153	45.201	ng	91
12) 1,3-Dichlorobenzene	6.58	146	359125	49.859	ng	98
13) 1,4-Dichlorobenzene	6.66	146	367762	51.084	ng	97
14) 1,2-Dichlorobenzene	6.81	146	331779	50.193	ng	97
15) Benzyl Alcohol	6.79	79	247352	46.726	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	660436	46.595	ng	92
17) 2-Methylphenol	6.90	107	262084	47.873	ng	98
18) Hexachloroethane	7.15	117	130974	50.182	ng	# 83
19) n-Nitroso-di-n-propylamine	7.06	70	222588	47.180	ng	# 85
20) 3+4-Methylphenols	7.06	107	309355	50.663	ng	96
22) Acetophenone	7.05	105	427994	48.374	ng	96
24) Nitrobenzene	7.22	77	337680	47.769	ng	92
25) Isophorone	7.47	82	593844	45.453	ng	95
26) 2-Nitrophenol	7.54	139	189326	50.600	ng	90
27) 2,4-Dimethylphenol	7.59	122	304635	47.817	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	400038	46.384	ng	98
29) 2,4-Dichlorophenol	7.78	162	277646	50.511	ng	96
30) 1,2,4-Trichlorobenzene	7.86	180	262196	50.567	ng	98
31) Naphthalene	7.95	128	946122	49.494	ng	99
32) Benzoic acid	7.73	122	199621	37.308	ng	97
33) 4-Chloroaniline	7.99	127	387682	48.826	ng	98
34) Hexachlorobutadiene	8.07	225	138632	52.128	ng	97
35) Caprolactam	8.37	113	84973	44.830	ng	# 50
36) 4-Chloro-3-methylphenol	8.49	107	295850	48.642	ng	93
37) 2-Methylnaphthalene	8.63	142	607450	49.921	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	239091	52.416	ng	99
40) Hexachlorocyclopentadiene	8.79	237	88315	39.819	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	178909	49.581	ng	97
43) 2,4,5-Trichlorophenol	8.96	196	181683	50.923	ng	# 93
45) 1,1'-Biphenyl	9.10	154	756470	50.257	ng	98
46) 2-Chloronaphthalene	9.12	162	562650	50.159	ng	93
47) 2-Nitroaniline	9.22	65	192664	47.203	ng	92
48) Acenaphthylene	9.53	152	873493	49.143	ng	99
49) Dimethylphthalate	9.40	163	653311	49.817	ng	100
50) 2,6-Dinitrotoluene	9.46	165	143323	49.421	ng	# 87
51) Acenaphthene	9.70	154	507136	46.287	ng	99
52) 3-Nitroaniline	9.63	138	171326	47.366	ng	91
53) 2,4-Dinitrophenol	9.73	184	66563	43.214	ng	# 74
54) Dibenzofuran	9.87	168	713044	49.294	ng	99
55) 4-Nitrophenol	9.79	139	125821	41.968	ng	# 69
56) 2,4-Dinitrotoluene	9.86	165	186904	50.893	ng	# 80
57) Fluorene	10.22	166	537543	52.617	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	123524	50.041	ng	100
59) Diethylphthalate	10.10	149	622480	50.218	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	224322	50.466	ng	98
61) 4-Nitroaniline	10.24	138	156600	47.614	ng	90
62) Azobenzene	10.37	77	565387	47.171	ng	92
64) 4,6-Dinitro-2-methylphenol	10.27	198	94482	45.601	ng	84
65) n-Nitrosodiphenylamine	10.33	169	515293	48.885	ng	97
66) 4-Bromophenyl-phenylether	10.70	248	147697	50.503	ng	93
67) Hexachlorobenzene	10.77	284	168414	52.606	ng	# 91
68) Atrazine	10.86	200	150924	50.116	ng	95
69) Pentachlorophenol	10.96	266	89564	47.203	ng	96
70) Phenanthrene	11.17	178	793711	48.873	ng	99
71) Anthracene	11.23	178	808290	48.841	ng	99
72) Carbazole	11.38	167	781425	46.951	ng	99
73) Di-n-butylphthalate	11.72	149	1001638	49.687	ng	99
74) Fluoranthene	12.36	202	748917	47.035	ng	99
76) Benzidine	12.47	184	281267	34.807	ng	97
77) Pyrene	12.58	202	755515	55.891	ng	99
79) Butylbenzylphthalate	13.21	149	362333	52.951	ng	# 83
80) Benzo(a)anthracene	13.77	228	534827	54.841	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	198513	49.560	ng	# 95
82) Chrysene	13.80	228	518047	50.726	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	442483	57.930	ng	99
84) Di-n-octyl phthalate	14.39	149	758383	50.419	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.47	276	540854	67.093	ng	97
87) Benzo(b)fluoranthene	14.77	252	458316	44.377	ng	98
88) Benzo(k)fluoranthene	14.80	252	460327	49.828	ng	96
89) Benzo(a)pyrene	15.10	252	447507	48.533	ng	97
90) Dibenzo(a,h)anthracene	16.49	278	440076	60.668	ng	99
91) Benzo(g,h,i)perylene	16.87	276	473414	62.982	ng	100

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

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