

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081675.D
 Acq On : 17 Sep 2015 12:32
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 18 07:13:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57341	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	231911	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	111084	20.00	ng	-0.04
63) Phenanthrene-d10	18.71	188	224482	20.00	ng	-0.04
75) Chrysene-d12	23.36	240	163979	20.00	ng	-0.02
86) Perylene-d12	24.79	264	111063	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	285614	77.28	ng	-0.03
7) Phenol-d6	7.61	99	397889	81.33	ng	-0.03
23) Nitrobenzene-d5	9.50	82	400510	83.32	ng	-0.03
41) 2,4,6-Tribromophenol	17.12	330	81547	82.45	ng	-0.04
44) 2-Fluorobiphenyl	13.73	172	701877	80.97	ng	-0.04
78) Terphenyl-d14	22.08	244	646442	91.77	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	85570	51.55	ng	# 77
3) Pyridine	2.05	79	151291	33.05	ng	# 79
4) n-Nitrosodimethylamine	2.02	42	110723	43.55	ng	# 60
6) Aniline	7.49	93	271236	39.26	ng	# 82
8) 2-Chlorophenol	7.73	128	162096	39.80	ng	# 77
9) Benzaldehyde	7.20	77	105373	34.38	ng	# 71
10) Phenol	7.64	94	217049	38.26	ng	# 54
11) bis(2-Chloroethyl)ether	7.73	93	165718	40.49	ng	# 55
12) 1,3-Dichlorobenzene	8.04	146	173139	39.79	ng	# 90
13) 1,4-Dichlorobenzene	8.22	146	175833	39.69	ng	# 89
14) 1,2-Dichlorobenzene	8.54	146	165890	41.59	ng	# 90
15) Benzyl Alcohol	8.63	79	166810	41.57	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.95	45	345435	44.03	ng	61
17) 2-Methylphenol	8.96	107	133577	41.11	ng	# 75
18) Hexachloroethane	9.27	117	73047	42.38	ng	87
19) n-Nitroso-di-n-propylamine	9.26	70	147289	44.24	ng	# 89
20) 3+4-Methylphenols	9.35	107	177241	40.45	ng	87
22) Acetophenone	9.18	105	248254	39.19	ng	# 73
24) Nitrobenzene	9.53	77	208344	41.74	ng	# 62
25) Isophorone	10.13	82	366878	41.03	ng	# 83
26) 2-Nitrophenol	10.26	139	86711	39.86	ng	# 38
27) 2,4-Dimethylphenol	10.53	122	148446	39.50	ng	# 75
28) bis(2-Chloroethoxy)methane	10.72	93	212060	41.06	ng	# 91
29) 2,4-Dichlorophenol	10.87	162	130052	39.91	ng	92
30) 1,2,4-Trichlorobenzene	11.00	180	145571	41.12	ng	99
31) Naphthalene	11.13	128	490665	39.67	ng	99
32) Benzoic acid	11.09	122	87419	33.40	ng	# 49
33) 4-Chloroaniline	11.37	127	205667	40.77	ng	# 83
34) Hexachlorobutadiene	11.49	225	92911	43.13	ng	98
35) Caprolactam	12.35	113	39035m	39.06	ng	
36) 4-Chloro-3-methylphenol	12.69	107	159305	43.68	ng	# 75
37) 2-Methylnaphthalene	12.78	142	326556	40.57	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	142731	40.63	ng	98
40) Hexachlorocyclopentadiene	13.17	237	62753	36.40	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	97315	40.14	ng	99
43) 2,4,5-Trichlorophenol	13.64	196	97313	39.34	ng	# 89
45) 1,1'-Biphenyl	13.93	154	398981	39.04	ng	97
46) 2-Chloronaphthalene	13.91	162	294539	39.91	ng	# 87
47) 2-Nitroaniline	14.27	65	125791	41.82	ng	# 60
48) Acenaphthylene	14.87	152	511879	39.09	ng	98
49) Dimethylphthalate	14.81	163	350512	40.61	ng	# 97
50) 2,6-Dinitrotoluene	14.91	165	72693	37.11	ng	# 27
51) Acenaphthene	15.29	154	286451	38.46	ng	89
52) 3-Nitroaniline	15.27	138	86973	39.00	ng	# 50
53) 2,4-Dinitrophenol	15.56	184	39112	42.55	ng	# 34
54) Dibenzofuran	15.72	168	424630	39.04	ng	# 84
55) 4-Nitrophenol	15.88	139	49587	35.39	ng	# 1
56) 2,4-Dinitrotoluene	15.85	165	100875	40.44	ng	# 47
57) Fluorene	16.53	166	347302	42.08	ng	93
58) 2,3,4,6-Tetrachlorophenol	16.08	232	77012	40.78	ng	90
59) Diethylphthalate	16.51	149	383516	42.24	ng	96
60) 4-Chlorophenyl-phenylether	16.62	204	166311	43.23	ng	# 87
61) 4-Nitroaniline	16.73	138	84064	37.31	ng	# 24
62) Azobenzene	16.99	77	421822	41.79	ng	82
64) 4,6-Dinitro-2-methylphenol	16.83	198	54781	43.63	ng	# 76
65) n-Nitrosodiphenylamine	16.94	169	303921	37.21	ng	91
66) 4-Bromophenyl-phenylether	17.76	248	92184	40.61	ng	94
67) Hexachlorobenzene	17.81	284	95607	40.29	ng	# 87
68) Atrazine	18.35	200	90419	38.25	ng	# 77
69) Pentachlorophenol	18.36	266	35129	35.83	ng	97
70) Phenanthrene	18.77	178	492509	39.46	ng	97
71) Anthracene	18.89	178	490843	38.28	ng	98
72) Carbazole	19.37	167	462977	38.48	ng	96
73) Di-n-butylphthalate	20.41	149	607964	42.79	ng	# 98
74) Fluoranthene	21.40	202	532223	39.39	ng	88
76) Benzidine	21.71	184	279170	39.66	ng	98
77) Pyrene	21.74	202	523093	43.06	ng	98
79) Butylbenzylphthalate	22.77	149	250477	47.42	ng	# 72
80) Benzo(a)anthracene	23.35	228	436639	41.81	ng	97
81) 3,3'-Dichlorobenzidine	23.35	252	143254	40.67	ng	# 96
82) Chrysene	23.39	228	372097	39.75	ng	95
83) Bis(2-ethylhexyl)phthalate	23.47	149	329267	47.23	ng	# 91
84) Di-n-octyl phthalate	24.13	149	521788	45.46	ng	97
85) Indeno(1,2,3-cd)pyrene	25.83	276	236850	34.49	ng	# 84
87) Benzo(b)fluoranthene	24.45	252	298366m	37.63	ng	
88) Benzo(k)fluoranthene	24.47	252	289371m	43.98	ng	
89) Benzo(a)pyrene	24.75	252	269209	40.07	ng	# 82
90) Dibenzo(a,h)anthracene	25.83	278	194844	37.53	ng	# 81
91) Benzo(g,h,i)perylene	26.13	276	190333	38.41	ng	# 69

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

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