

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096830.D
 Acq On : 17 Jul 2017 20:14
 Operator : SJ/JU
 Sample : I4203-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

Quant Time: Jul 18 02:13:52 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 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	118484	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	453979	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	164809	20.00	ng	-0.03
63) Phenanthrene-d10	11.12	188	196727	20.00	ng	-0.03
75) Chrysene-d12	13.74	240	189256	20.00	ng	-0.03
86) Perylene-d12	15.12	264	167792	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	607136	77.05	ng	0.00
7) Phenol-d6	6.27	99	799580	84.55	ng	-0.01
23) Nitrobenzene-d5	7.18	82	460408	62.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	102467	72.84	ng	-0.03
44) 2-Fluorobiphenyl	8.97	172	771668	73.98	ng	-0.03
78) Terphenyl-d14	12.70	244	446435	40.91	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	101464	25.024	ng	# 76
3) Pyridine	2.93	79	63332	7.432	ng	# 59
4) n-Nitrosodimethylamine	2.85	42	128401	26.944	ng	# 77
6) Aniline	6.28	93	181100	15.548	ng	# 1
8) 2-Chlorophenol	6.40	128	243766	28.675	ng	97
9) Benzaldehyde	6.16	77	135963	24.876	ng	98
10) Phenol	6.28	94	328882	30.765	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	248481	30.910	ng	89
12) 1,3-Dichlorobenzene	6.56	146	264973	29.323	ng	98
13) 1,4-Dichlorobenzene	6.63	146	270767	29.588	ng	98
14) 1,2-Dichlorobenzene	6.79	146	241557	29.021	ng	97
15) Benzyl Alcohol	6.76	79	187672	30.314	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	509633	30.719	ng	99
17) 2-Methylphenol	6.89	107	192018	29.047	ng	96
18) Hexachloroethane	7.13	117	78167	24.089	ng	# 86
19) n-Nitroso-di-n-propylamine	7.03	70	166569	29.238	ng	# 82
20) 3+4-Methylphenols	7.04	107	239933	29.910	ng	# 65
22) Acetophenone	7.03	105	331243	32.646	ng	96
24) Nitrobenzene	7.20	77	213431	28.157	ng	90
25) Isophorone	7.44	82	426234	31.262	ng	96
26) 2-Nitrophenol	7.52	139	115603	27.428	ng	90
27) 2,4-Dimethylphenol	7.56	122	205758	29.674	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	285748	31.015	ng	97
29) 2,4-Dichlorophenol	7.76	162	192817	30.720	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	182294	30.547	ng	97
31) Naphthalene	7.92	128	674286	31.353	ng	99
32) Benzoic acid	7.66	122	42264	9.537	ng	99
33) 4-Chloroaniline	7.97	127	142417	16.714	ng	94
34) Hexachlorobutadiene	8.04	225	89665	28.145	ng	98
35) Caprolactam	8.32	113	43637	21.698	ng	# 63
36) 4-Chloro-3-methylphenol	8.46	107	161533	23.935	ng	93
37) 2-Methylnaphthalene	8.60	142	408625	29.803	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	140554	31.549	ng	99
40) Hexachlorocyclopentadiene	8.76	237	18197	15.167	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	104496	31.798	nq	97
43) 2,4,5-Trichlorophenol	8.93	196	104891	31.648	nq	# 93
45) 1,1'-Biphenyl	9.07	154	458734	32.454	nq	98
46) 2-Chloronaphthalene	9.09	162	352334	33.852	nq	94
47) 2-Nitroaniline	9.19	65	119883	33.509	nq	94
48) Acenaphthylene	9.50	152	523908	31.592	nq	99
49) Dimethylphthalate	9.37	163	456232	36.765	nq	99
50) 2,6-Dinitrotoluene	9.43	165	81045	30.152	nq	# 77
51) Acenaphthene	9.67	154	301849	30.812	nq	99
52) 3-Nitroaniline	9.59	138	80629	25.321	nq	92
53) 2,4-Dinitrophenol	9.71	184	5475	10.508	nq	# 77
54) Dibenzofuran	9.85	168	445281	32.435	nq	99
55) 4-Nitrophenol	9.77	139	103504	44.493	nq	# 63
56) 2,4-Dinitrotoluene	9.83	165	92731	26.848	nq	# 78
57) Fluorene	10.19	166	285467	28.140	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	69386	30.187	nq	97
59) Diethylphthalate	10.07	149	375886	31.115	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	128032	27.436	nq	95
61) 4-Nitroaniline	10.20	138	68880	23.036	nq	89
62) Azobenzene	10.34	77	281423	26.406	nq	92
64) 4,6-Dinitro-2-methylphenol	10.25	198	5578	4.516	nq	84
65) n-Nitrosodiphenylamine	10.30	169	250142	35.571	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	71431	35.564	nq	95
67) Hexachlorobenzene	10.73	284	71817	32.104	nq	# 88
68) Atrazine	10.83	200	67297	33.590	nq	96
69) Pentachlorophenol	10.93	266	63768	59.007	nq	98
70) Phenanthrene	11.14	178	393491	36.786	nq	99
71) Anthracene	11.19	178	390409	36.098	nq	98
72) Carbazole	11.34	167	350514	33.467	nq	98
73) Di-n-butylphthalate	11.69	149	453041	34.733	nq	99
74) Fluoranthene	12.32	202	444434	43.408	nq	98
77) Pyrene	12.54	202	478519	27.860	nq	99
79) Butylbenzylphthalate	13.17	149	194297	47.617	nq	# 83
80) Benzo(a)anthracene	13.73	228	419309	35.559	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	60935	14.370	nq	# 96
82) Chrysene	13.77	228	401813	34.613	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	263955	26.559	nq	98
84) Di-n-octyl phthalate	14.35	149	534974	32.564	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.42	276	310745	30.068	nq	99
87) Benzo(b)fluoranthene	14.74	252	417715	41.277	nq	98
88) Benzo(k)fluoranthene	14.76	252	351127	36.641	nq	96
89) Benzo(a)pyrene	15.06	252	343852	37.046	nq	99
90) Dibenzo(a,h)anthracene	16.43	278	247264	28.952	nq	98
91) Benzo(g,h,i)perylene	16.80	276	259913	28.420	nq	99

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

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