

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087238.D
 Acq On : 20 May 2016 21:54
 Operator : UM/SJ
 Sample : PB90666BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BSD

Quant Time: May 21 00:47:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	121502	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	528471	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	257725	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	509755	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	360947	20.00	ng	-0.06
86) Perylene-d12	15.04	264	278466	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	612264	84.70	ng	-0.04
7) Phenol-d6	6.23	99	769280	79.35	ng	-0.06
23) Nitrobenzene-d5	7.13	82	817104	77.06	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	221928	77.92	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1297367	83.37	ng	-0.06
78) Terphenyl-d14	12.65	244	1335602	83.70	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	118210	31.79	ng	# 57
3) Pyridine	2.66	79	349174	38.82	ng	# 61
4) n-Nitrosodimethylamine	2.64	42	270543	42.44	ng	# 50
6) Aniline	6.23	93	257546	20.91	ng	# 71
8) 2-Chlorophenol	6.34	128	378170	43.00	ng	83
10) Phenol	6.24	94	507258	41.62	ng	73
11) bis(2-Chloroethyl)ether	6.31	93	376182	41.11	ng	97
12) 1,3-Dichlorobenzene	6.49	146	366951m	39.25	ng	
13) 1,4-Dichlorobenzene	6.57	146	382446m	39.98	ng	
14) 1,2-Dichlorobenzene	6.73	146	337313	40.28	ng	97
15) Benzyl Alcohol	6.73	79	344247	47.70	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.84	45	719895	38.27	ng	72
17) 2-Methylphenol	6.86	107	303921	42.08	ng	# 82
18) Hexachloroethane	7.06	117	149969	41.01	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	313809	42.58	ng	# 73
20) 3+4-Methylphenols	7.02	107	426633	44.78	ng	# 59
22) Acetophenone	6.98	105	523772	40.50	ng	# 98
24) Nitrobenzene	7.15	77	442109	38.19	ng	98
25) Isophorone	7.39	82	785455	40.46	ng	98
26) 2-Nitrophenol	7.47	139	202667	42.26	ng	# 81
27) 2,4-Dimethylphenol	7.53	122	339860	41.52	ng	86
28) bis(2-Chloroethoxy)methane	7.61	93	447793	42.02	ng	# 97
29) 2,4-Dichlorophenol	7.72	162	336551	46.66	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	329918	41.22	ng	99
31) Naphthalene	7.86	128	1039478	40.26	ng	99
32) Benzoic acid	7.70	122	181282	37.16	ng	# 78
33) 4-Chloroaniline	7.94	127	150392	14.01	ng	97
34) Hexachlorobutadiene	7.99	225	192185	42.31	ng	97
35) Caprolactam	8.32	113	104733m	43.61	ng	
36) 4-Chloro-3-methylphenol	8.44	107	372382	42.80	ng	90
37) 2-Methylnaphthalene	8.56	142	736076	44.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	316687	42.07	ng	99
40) Hexachlorocyclopentadiene	8.71	237	230122	79.25	ng	95
42) 2,4,6-Trichlorophenol	8.86	196	206699	42.34	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	228106	44.98	nq	# 90
45) 1,1'-Biphenyl	9.03	154	925600	43.31	nq	99
46) 2-Chloronaphthalene	9.04	162	663679	40.45	nq	# 91
47) 2-Nitroaniline	9.16	65	269591	42.88	nq	94
48) Acenaphthylene	9.45	152	1001182	39.97	nq	99
49) Dimethylphthalate	9.34	163	837299	42.59	nq	99
50) 2,6-Dinitrotoluene	9.40	165	203238	47.61	nq	96
51) Acenaphthene	9.62	154	621544	39.71	nq	98
52) 3-Nitroaniline	9.58	138	104870	22.69	nq	94
53) 2,4-Dinitrophenol	9.69	184	181480	74.54	nq	# 78
54) Dibenzofuran	9.79	168	934097	46.15	nq	# 85
55) 4-Nitrophenol	9.77	139	170754m	60.33	nq	
56) 2,4-Dinitrotoluene	9.82	165	244037	44.63	nq	# 66
57) Fluorene	10.14	166	667580	41.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	199787	50.58	nq	98
59) Diethylphthalate	10.03	149	850967	45.34	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	371816	48.24	nq	91
61) 4-Nitroaniline	10.19	138	184140	40.36	nq	# 70
62) Azobenzene	10.30	77	1040573	48.11	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	135856	40.47	nq	90
65) n-Nitrosodiphenylamine	10.26	169	676238	42.16	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	211863	40.42	nq	91
67) Hexachlorobenzene	10.68	284	240732	39.61	nq	# 80
68) Atrazine	10.80	200	219787	42.00	nq	95
69) Pentachlorophenol	10.89	266	181097	79.32	nq	97
70) Phenanthrene	11.10	178	1190390	43.06	nq	100
71) Anthracene	11.14	178	1092400	39.06	nq	99
72) Carbazole	11.31	167	1075758	42.11	nq	99
73) Di-n-butylphthalate	11.65	149	1389162	47.35	nq	# 99
74) Fluoranthene	12.27	202	1130425	40.81	nq	97
76) Benzidine	12.41	184	220570	18.68	nq	96
77) Pyrene	12.50	202	1207895	46.32	nq	100
79) Butylbenzylphthalate	13.13	149	575453	52.28	nq	89
80) Benzo(a)anthracene	13.68	228	889393	42.62	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	189363	14.26	nq	# 95
82) Chrysene	13.73	228	946834	46.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	705209	52.64	nq	98
84) Di-n-octyl phthalate	14.30	149	1204021	52.17	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.27	276	676912	38.19	nq	95
87) Benzo(b)fluoranthene	14.69	252	757969m	41.03	nq	
88) Benzo(k)fluoranthene	14.71	252	706294m	51.35	nq	
89) Benzo(a)pyrene	14.99	252	688936	44.61	nq	98
90) Dibenzo(a,h)anthracene	16.27	278	570206	43.86	nq	96
91) Benzo(g,h,i)perylene	16.63	276	559336	42.60	nq	94

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

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