

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083779.D
 Acq On : 14 Dec 2015 20:01
 Operator : UM/IZ
 Sample : PB87254BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87254BS

Quant Time: Dec 15 02:37:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114267	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	462948	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	219807	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	417966	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	341449	20.00	ng	-0.02
86) Perylene-d12	15.48	264	274469	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	674037	95.16	ng	-0.02
7) Phenol-d6	6.53	99	893453	99.61	ng	-0.01
23) Nitrobenzene-d5	7.46	82	561726	67.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	260504	116.31	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1081029	67.90	ng	-0.02
78) Terphenyl-d14	13.00	244	1010426	63.65	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	72609	21.20	ng	# 82
3) Pyridine	3.26	79	243653	28.27	ng	# 84
4) n-Nitrosodimethylamine	3.21	42	107678	33.03	ng	# 64
6) Aniline	6.56	93	387894	31.83	ng	# 86
8) 2-Chlorophenol	6.68	128	278555	33.47	ng	95
9) Benzaldehyde	6.44	77	152041	31.56	ng	88
10) Phenol	6.54	94	385400	37.33	ng	79
11) bis(2-Chloroethyl)ether	6.64	93	272494	36.45	ng	90
12) 1,3-Dichlorobenzene	6.84	146	293586	33.24	ng	99
13) 1,4-Dichlorobenzene	6.92	146	303651	34.02	ng	94
14) 1,2-Dichlorobenzene	7.07	146	272060	33.92	ng	96
15) Benzyl Alcohol	7.04	79	243419	36.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	316860	32.64	ng	71
17) 2-Methylphenol	7.15	107	236191	35.29	ng	# 85
18) Hexachloroethane	7.41	117	103004	32.49	ng	# 77
19) n-Nitroso-di-n-propylamine	7.31	70	189868	34.57	ng	93
20) 3+4-Methylphenols	7.31	107	306321	38.77	ng	# 57
22) Acetophenone	7.31	105	371008	32.67	ng	# 99
24) Nitrobenzene	7.48	77	313969	36.45	ng	# 85
25) Isophorone	7.72	82	532033	32.77	ng	96
26) 2-Nitrophenol	7.80	139	165559	40.02	ng	# 77
27) 2,4-Dimethylphenol	7.84	122	267790m	32.94	ng	
28) bis(2-Chloroethoxy)methane	7.94	93	343796	37.11	ng	# 97
29) 2,4-Dichlorophenol	8.04	162	261804	39.23	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	238881	34.52	ng	96
31) Naphthalene	8.21	128	845266	35.03	ng	100
32) Benzoic acid	7.95	122	180079m	35.54	ng	
33) 4-Chloroaniline	8.25	127	288491	29.27	ng	# 93
34) Hexachlorobutadiene	8.33	225	127992	33.70	ng	97
35) Caprolactam	8.61	113	89274m	41.66	ng	
36) 4-Chloro-3-methylphenol	8.74	107	307836	39.43	ng	# 81
37) 2-Methylnaphthalene	8.90	142	575442	37.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	244898	37.77	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	249791	76.02	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	178093	37.52	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	180744	40.14	nq #	90
45) 1,1'-Biphenyl	9.37	154	708034	36.35	nq	95
46) 2-Chloronaphthalene	9.39	162	547789	38.09	nq	97
47) 2-Nitroaniline	9.47	65	165233	40.51	nq #	86
48) Acenaphthylene	9.80	152	860150	35.55	nq	99
49) Dimethylphthalate	9.66	163	674143	39.34	nq	99
50) 2,6-Dinitrotoluene	9.72	165	159833	43.95	nq #	73
51) Acenaphthene	9.97	154	598301	40.91	nq	98
52) 3-Nitroaniline	9.88	138	122666	29.25	nq	86
53) 2,4-Dinitrophenol	10.00	184	164740	82.68	nq #	71
54) Dibenzofuran	10.14	168	751755	38.79	nq	92
55) 4-Nitrophenol	10.05	139	283555	91.33	nq #	62
56) 2,4-Dinitrotoluene	10.12	165	195061	41.06	nq #	79
57) Fluorene	10.49	166	565325	37.05	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	144301	42.73	nq #	100
59) Diethylphthalate	10.36	149	633708	36.53	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	250997	36.07	nq #	84
61) 4-Nitroaniline	10.50	138	156176	42.26	nq	93
62) Azobenzene	10.64	77	634630	40.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	112883	47.47	nq #	55
65) n-Nitrosodiphenylamine	10.60	169	568408	39.76	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	173875	37.20	nq #	91
67) Hexachlorobenzene	11.04	284	182218	36.03	nq	97
68) Atrazine	11.13	200	193126	47.48	nq	98
69) Pentachlorophenol	11.23	266	231959	81.33	nq	98
70) Phenanthrene	11.45	178	911168	41.04	nq	99
71) Anthracene	11.49	178	837899	36.33	nq	100
72) Carbazole	11.65	167	889827	41.41	nq	99
73) Di-n-butylphthalate	11.99	149	956034	36.64	nq	100
74) Fluoranthene	12.63	202	922977	40.23	nq	95
76) Benzidine	12.75	184	478445	45.98	nq	96
77) Pyrene	12.85	202	908600	33.67	nq	99
79) Butylbenzylphthalate	13.48	149	431815	37.28	nq #	82
80) Benzo(a)anthracene	14.04	228	761099	39.20	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	226284	32.31	nq #	96
82) Chrysene	14.08	228	609206	32.17	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	477332	36.21	nq	100
84) Di-n-octyl phthalate	14.65	149	811688	38.75	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	686002	36.88	nq #	100
87) Benzo(b)fluoranthene	15.07	252	841496m	48.06	nq	
88) Benzo(k)fluoranthene	15.11	252	497350m	31.35	nq	
89) Benzo(a)pyrene	15.43	252	625237	40.01	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	569880	36.68	nq	99
91) Benzo(g,h,i)perylene	17.33	276	581163	36.39	nq	97

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

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