

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087240.D
 Acq On : 20 May 2016 22:53
 Operator : UM/SJ
 Sample : PB90703BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90703BSD

Quant Time: May 21 00:51:22 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	126819	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	546305	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	259955	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	516092	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	347849	20.00	ng	-0.06
86) Perylene-d12	15.05	264	291841	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	920016	121.94	ng	-0.06
7) Phenol-d6	6.23	99	1237733	122.31	ng	-0.06
23) Nitrobenzene-d5	7.14	82	888718	81.08	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	347369	120.92	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1339095	85.31	ng	-0.06
78) Terphenyl-d14	12.65	244	1413854	91.94	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	113093	29.14	ng	# 58
3) Pyridine	2.64	79	334199	35.60	ng	# 65
4) n-Nitrosodimethylamine	2.60	42	249523	37.50	ng	# 48
6) Aniline	6.23	93	263970	20.54	ng	# 71
8) 2-Chlorophenol	6.34	128	364283	39.68	ng	# 76
9) Benzaldehyde	6.11	77	60300	8.80	ng	97
10) Phenol	6.24	94	434465	34.15	ng	# 44
11) bis(2-Chloroethyl)ether	6.31	93	381231	39.91	ng	90
12) 1,3-Dichlorobenzene	6.49	146	360899m	36.98	ng	
13) 1,4-Dichlorobenzene	6.57	146	375071m	37.57	ng	
14) 1,2-Dichlorobenzene	6.73	146	332870	38.08	ng	97
15) Benzyl Alcohol	6.73	79	339924	45.12	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	722073	36.77	ng	58
17) 2-Methylphenol	6.86	107	318815	42.29	ng	# 81
18) Hexachloroethane	7.06	117	145983	38.25	ng	94
19) n-Nitroso-di-n-propylamine	6.99	70	304393	39.57	ng	# 69
20) 3+4-Methylphenols	7.02	107	436248	43.87	ng	# 58
22) Acetophenone	6.98	105	538030	40.24	ng	# 98
24) Nitrobenzene	7.15	77	430430	35.96	ng	95
25) Isophorone	7.39	82	796499	39.69	ng	97
26) 2-Nitrophenol	7.47	139	205936	41.54	ng	# 78
27) 2,4-Dimethylphenol	7.53	122	339541	40.13	ng	# 86
28) bis(2-Chloroethoxy)methane	7.61	93	454201	41.23	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	346822	46.52	ng	98
30) 1,2,4-Trichlorobenzene	7.79	180	338658	40.93	ng	99
31) Naphthalene	7.86	128	1062995	39.82	ng	99
32) Benzoic acid	7.70	122	187666	37.21	ng	# 80
33) 4-Chloroaniline	7.94	127	110728	9.98	ng	# 94
34) Hexachlorobutadiene	7.99	225	193943	41.31	ng	98
35) Caprolactam	8.32	113	107400m	43.26	ng	
36) 4-Chloro-3-methylphenol	8.44	107	365579	40.65	ng	89
37) 2-Methylnaphthalene	8.56	142	733277	42.95	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	325100	42.82	ng	99
40) Hexachlorocyclopentadiene	8.71	237	244534	83.07	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	205647	41.77	nq	92
43) 2,4,5-Trichlorophenol	8.90	196	224463	43.88	nq #	92
45) 1,1'-Biphenyl	9.03	154	966342	44.83	nq	99
46) 2-Chloronaphthalene	9.05	162	695555	42.03	nq	99
47) 2-Nitroaniline	9.16	65	280264	44.20	nq	98
48) Acenaphthylene	9.45	152	1034006	40.92	nq	99
49) Dimethylphthalate	9.34	163	847037	42.71	nq	99
50) 2,6-Dinitrotoluene	9.40	165	200568	46.58	nq	91
51) Acenaphthene	9.62	154	634017	40.16	nq	99
52) 3-Nitroaniline	9.58	138	82981	17.80	nq	93
53) 2,4-Dinitrophenol	9.69	184	179683	73.25	nq #	75
54) Dibenzofuran	9.80	168	986118	48.31	nq	100
55) 4-Nitrophenol	9.77	139	155376m	56.63	nq	
56) 2,4-Dinitrotoluene	9.82	165	254298	46.11	nq #	69
57) Fluorene	10.14	166	684423	41.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	202151	50.74	nq	98
59) Diethylphthalate	10.03	149	823593	43.50	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	376794	48.47	nq	91
61) 4-Nitroaniline	10.19	138	178674	38.82	nq #	70
62) Azobenzene	10.30	77	1118337	51.26	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	135092	39.74	nq	90
65) n-Nitrosodiphenylamine	10.26	169	667852	41.12	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	218861	41.24	nq #	89
67) Hexachlorobenzene	10.68	284	242868	39.47	nq #	78
68) Atrazine	10.80	200	234493	44.26	nq	95
69) Pentachlorophenol	10.89	266	182383	78.90	nq	99
70) Phenanthrene	11.10	178	1182847	42.26	nq	100
71) Anthracene	11.14	178	1119209	39.53	nq	100
72) Carbazole	11.31	167	1098442	42.47	nq	99
73) Di-n-butylphthalate	11.64	149	1401434	47.18	nq #	99
74) Fluoranthene	12.27	202	1146421	40.88	nq	96
76) Benzidine	12.41	184	352234	34.30	nq	96
77) Pyrene	12.50	202	1245890	49.58	nq	99
79) Butylbenzylphthalate	13.13	149	576171	54.31	nq #	85
80) Benzo(a)anthracene	13.69	228	895717	44.53	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	154893	12.10	nq #	96
82) Chrysene	13.73	228	949496	48.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	732316	56.72	nq	98
84) Di-n-octyl phthalate	14.30	149	1206767	54.26	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	702083	41.10	nq	96
87) Benzo(b)fluoranthene	14.69	252	764869m	39.51	nq	
88) Benzo(k)fluoranthene	14.71	252	685692m	47.57	nq	
89) Benzo(a)pyrene	14.99	252	687475	42.48	nq	98
90) Dibenzo(a,h)anthracene	16.27	278	596037	43.74	nq	95
91) Benzo(g,h,i)perylene	16.63	276	601434	43.70	nq	95

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

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