

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087241.D
 Acq On : 20 May 2016 23:22
 Operator : UM/SJ
 Sample : PB90736BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90736BS

Quant Time: May 21 00:57:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	115090	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	497644	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	250332	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	496402	20.00	ng	0.00
75) Chrysene-d12	13.69	240	343086	20.00	ng	-0.01
86) Perylene-d12	15.04	264	273928	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	750675	109.63	ng	0.01
7) Phenol-d6	6.23	99	928828	101.14	ng	0.00
23) Nitrobenzene-d5	7.13	82	653168	65.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	284722	102.93	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1205535	79.76	ng	0.00
78) Terphenyl-d14	12.65	244	1222766	80.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	98339	27.92	ng	# 62
3) Pyridine	2.67	79	214293	25.15	ng	# 68
4) n-Nitrosodimethylamine	2.63	42	186562	30.90	ng	# 49
6) Aniline	6.23	93	181714	15.58	ng	# 54
8) 2-Chlorophenol	6.34	128	300401	36.06	ng	# 82
9) Benzaldehyde	6.11	77	66468	10.88	ng	99
10) Phenol	6.24	94	419971	36.38	ng	74
11) bis(2-Chloroethyl)ether	6.31	93	305939	35.29	ng	94
12) 1,3-Dichlorobenzene	6.49	146	303695m	34.29	ng	
13) 1,4-Dichlorobenzene	6.57	146	310975m	34.32	ng	
14) 1,2-Dichlorobenzene	6.73	146	282315	35.59	ng	97
15) Benzyl Alcohol	6.73	79	259042	37.89	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.84	45	571477	32.07	ng	68
17) 2-Methylphenol	6.86	107	245800	35.93	ng	# 80
18) Hexachloroethane	7.06	117	119437	34.48	ng	91
19) n-Nitroso-di-n-propylamine	6.99	70	257854	36.94	ng	# 78
20) 3+4-Methylphenols	7.02	107	345322	38.26	ng	# 59
22) Acetophenone	6.98	105	427845	35.13	ng	# 98
24) Nitrobenzene	7.15	77	359575	32.98	ng	98
25) Isophorone	7.39	82	645816	35.33	ng	99
26) 2-Nitrophenol	7.47	139	158390	35.07	ng	# 81
27) 2,4-Dimethylphenol	7.53	122	283866	36.83	ng	87
28) bis(2-Chloroethoxy)methane	7.61	93	371940	37.07	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	272590	40.14	ng	98
30) 1,2,4-Trichlorobenzene	7.79	180	271995	36.09	ng	98
31) Naphthalene	7.86	128	845072	34.75	ng	99
32) Benzoic acid	7.69	122	144870	31.53	ng	# 76
33) 4-Chloroaniline	7.94	127	100719	9.97	ng	# 94
34) Hexachlorobutadiene	7.99	225	156685	36.63	ng	98
35) Caprolactam	8.31	113	82814m	36.62	ng	
36) 4-Chloro-3-methylphenol	8.44	107	307398	37.52	ng	96
37) 2-Methylnaphthalene	8.56	142	594781	38.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	246470	33.71	ng	99
40) Hexachlorocyclopentadiene	8.71	237	180292	65.44	ng	95

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42) 2,4,6-Trichlorophenol	8.86	196	155920	32.88	nq	90
43) 2,4,5-Trichlorophenol	8.90	196	168967	34.30	nq	# 95
45) 1,1'-Biphenyl	9.02	154	719648	34.67	nq	96
46) 2-Chloronaphthalene	9.04	162	545554	34.24	nq	# 91
47) 2-Nitroaniline	9.15	65	212132	34.74	nq	# 68
48) Acenaphthylene	9.45	152	827694	34.02	nq	99
49) Dimethylphthalate	9.34	163	711995	37.28	nq	100
50) 2,6-Dinitrotoluene	9.40	165	158510	38.23	nq	# 78
51) Acenaphthene	9.62	154	517114	34.02	nq	99
52) 3-Nitroaniline	9.58	138	63003	14.04	nq	94
53) 2,4-Dinitrophenol	9.69	184	165706	70.35	nq	88
54) Dibenzofuran	9.79	168	743164	37.81	nq	# 90
55) 4-Nitrophenol	9.77	139	123341m	50.22	nq	
56) 2,4-Dinitrotoluene	9.80	165	190196	35.81	nq	# 72
57) Fluorene	10.14	166	590283	37.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	159856	41.67	nq	96
59) Diethylphthalate	10.03	149	750891	41.19	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	303530	40.54	nq	# 85
61) 4-Nitroaniline	10.19	138	150098	33.87	nq	83
62) Azobenzene	10.30	77	853669	40.64	nq	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	110679	33.85	nq	# 47
65) n-Nitrosodiphenylamine	10.26	169	599532	38.38	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	175978	34.47	nq	93
67) Hexachlorobenzene	10.68	284	200040	33.80	nq	# 88
68) Atrazine	10.80	200	182487	35.81	nq	95
69) Pentachlorophenol	10.89	266	136540	61.41	nq	98
70) Phenanthrene	11.10	178	962896	35.76	nq	100
71) Anthracene	11.14	178	897728	32.97	nq	100
72) Carbazole	11.31	167	873753	35.13	nq	99
73) Di-n-butylphthalate	11.64	149	1156976	40.49	nq	99
74) Fluoranthene	12.27	202	949995	35.22	nq	95
76) Benzidine	12.41	184	252626	23.04	nq	97
77) Pyrene	12.50	202	953641	38.48	nq	100
79) Butylbenzylphthalate	13.13	149	455919	43.57	nq	92
80) Benzo(a)anthracene	13.68	228	705020	35.54	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	128783	10.20	nq	# 95
82) Chrysene	13.73	228	743724	38.75	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	575706	45.21	nq	# 98
84) Di-n-octyl phthalate	14.30	149	981349	44.74	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	533809	31.69	nq	96
87) Benzo(b)fluoranthene	14.69	252	623777m	34.33	nq	
88) Benzo(k)fluoranthene	14.71	252	551175m	40.74	nq	
89) Benzo(a)pyrene	14.99	252	556922	36.66	nq	99
90) Dibenzo(a,h)anthracene	16.27	278	457614	35.78	nq	# 93
91) Benzo(g,h,i)perylene	16.63	276	443227	34.31	nq	95

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

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