

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087281.D
 Acq On : 22 May 2016 10:31
 Operator : UM/SJ
 Sample : PB90743BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BS

Quant Time: May 23 03:51:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126902	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	538680	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	248567	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	458905	20.00	ng	0.00
75) Chrysene-d12	13.70	240	276296	20.00	ng	0.00
86) Perylene-d12	15.05	264	244261	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	894787	118.52	ng	0.01
7) Phenol-d6	6.24	99	1220142	120.50	ng	0.00
23) Nitrobenzene-d5	7.14	82	862049	79.76	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	297370	108.26	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1281973	85.42	ng	0.00
78) Terphenyl-d14	12.65	244	1182373	96.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	107164	27.59	ng	# 63
3) Pyridine	2.68	79	301382	32.08	ng	# 55
4) n-Nitrosodimethylamine	2.65	42	235897	35.43	ng	# 46
6) Aniline	6.23	93	308713	24.00	ng	# 86
8) 2-Chlorophenol	6.35	128	360355	39.23	ng	99
9) Benzaldehyde	6.11	77	83516	12.56	ng	97
10) Phenol	6.25	94	507159	39.84	ng	86
11) bis(2-Chloroethyl)ether	6.31	93	370370	38.75	ng	91
12) 1,3-Dichlorobenzene	6.49	146	363643m	37.24	ng	
13) 1,4-Dichlorobenzene	6.57	146	383986m	38.43	ng	
14) 1,2-Dichlorobenzene	6.73	146	331359	37.88	ng	97
15) Benzyl Alcohol	6.73	79	341559	45.31	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.86	45	707046	35.98	ng	# 41
17) 2-Methylphenol	6.86	107	296858	39.35	ng	# 81
18) Hexachloroethane	7.06	117	150363	39.37	ng	# 91
19) n-Nitroso-di-n-propylamine	6.99	70	279449	36.30	ng	# 68
20) 3+4-Methylphenols	7.02	107	388266	39.02	ng	# 61
22) Acetophenone	6.98	105	519345	39.40	ng	# 95
24) Nitrobenzene	7.15	77	414184	35.10	ng	95
25) Isophorone	7.39	82	756672	38.24	ng	96
26) 2-Nitrophenol	7.47	139	196151	40.12	ng	# 74
27) 2,4-Dimethylphenol	7.53	122	320900	38.46	ng	# 84
28) bis(2-Chloroethoxy)methane	7.61	93	427879	39.39	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	323748	44.04	ng	95
30) 1,2,4-Trichlorobenzene	7.79	180	326252	39.99	ng	97
31) Naphthalene	7.86	128	1008778	38.33	ng	99
32) Benzoic acid	7.70	122	149920	30.15	ng	# 81
33) 4-Chloroaniline	7.94	127	173433	15.85	ng	95
34) Hexachlorobutadiene	7.99	225	187344	40.47	ng	99
35) Caprolactam	8.32	113	89923m	36.73	ng	
36) 4-Chloro-3-methylphenol	8.44	107	338265	38.14	ng	87
37) 2-Methylnaphthalene	8.56	142	685627	40.73	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	296254	40.81	ng	99
40) Hexachlorocyclopentadiene	8.71	237	183110	66.76	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	184010	39.08	nq	93
43) 2,4,5-Trichlorophenol	8.90	196	194732	39.81	nq	# 86
45) 1,1'-Biphenyl	9.03	154	883530	42.87	nq	99
46) 2-Chloronaphthalene	9.05	162	643313	40.66	nq	99
47) 2-Nitroaniline	9.16	65	254205	41.92	nq	88
48) Acenaphthylene	9.45	152	923690	38.23	nq	98
49) Dimethylphthalate	9.34	163	749481	39.53	nq	99
50) 2,6-Dinitrotoluene	9.40	165	173685	42.18	nq	# 85
51) Acenaphthene	9.62	154	572596	37.93	nq	99
52) 3-Nitroaniline	9.58	138	114691	25.73	nq	85
53) 2,4-Dinitrophenol	9.70	184	114827	50.53	nq	89
54) Dibenzofuran	9.80	168	870449	44.59	nq	99
55) 4-Nitrophenol	9.78	139	80654m	38.41	nq	
56) 2,4-Dinitrotoluene	9.82	165	223584	42.40	nq	# 78
57) Fluorene	10.14	166	615155	39.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	164131	43.09	nq	96
59) Diethylphthalate	10.03	149	749478	41.40	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	339803	45.71	nq	91
61) 4-Nitroaniline	10.19	138	141605	32.18	nq	# 63
62) Azobenzene	10.30	77	977888	46.88	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	86310	28.56	nq	87
65) n-Nitrosodiphenylamine	10.26	169	602061	41.69	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	190153	40.29	nq	# 87
67) Hexachlorobenzene	10.68	284	206488	37.74	nq	# 76
68) Atrazine	10.80	200	211816	44.96	nq	94
69) Pentachlorophenol	10.89	266	122588	59.64	nq	96
70) Phenanthrene	11.10	178	1005917	40.42	nq	100
71) Anthracene	11.14	178	973819	38.68	nq	100
72) Carbazole	11.31	167	899656	39.12	nq	99
73) Di-n-butylphthalate	11.64	149	1181522	44.73	nq	99
74) Fluoranthene	12.27	202	939899	37.69	nq	96
76) Benzidine	12.41	184	311418	40.01	nq	96
77) Pyrene	12.50	202	958538	48.02	nq	100
79) Butylbenzylphthalate	13.13	149	443152	52.59	nq	92
80) Benzo(a)anthracene	13.69	228	658335	41.21	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	129668	12.76	nq	# 97
82) Chrysene	13.73	228	695390	44.99	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	574551	56.03	nq	99
84) Di-n-octyl phthalate	14.30	149	893380	50.57	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	572984	42.23	nq	95
87) Benzo(b)fluoranthene	14.69	252	564810m	34.86	nq	
88) Benzo(k)fluoranthene	14.71	252	587568m	48.70	nq	
89) Benzo(a)pyrene	14.99	252	555458	41.01	nq	97
90) Dibenzo(a,h)anthracene	16.27	278	484445	42.48	nq	98
91) Benzo(g,h,i)perylene	16.64	276	476304	41.35	nq	# 93

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

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