

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078048.D
 Acq On : 27 Mar 2015 20:42
 Operator : TP/IZ
 Sample : PB82360BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BS

Quant Time: Mar 28 05:52:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37503	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	156060	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	81969	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	158115	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	166270	20.00	ng	0.00
86) Perylene-d12	17.64	264	162554	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	234510	109.15	ng	0.01
7) Phenol-d6	6.67	99	286583	107.96	ng	0.00
23) Nitrobenzene-d5	7.77	82	164476	69.09	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	78923	100.63	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	374612	67.16	ng	0.00
78) Terphenyl-d14	14.65	244	474167	69.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.95	88	28433	29.15	ng	# 100
3) Pyridine	2.62	79	72093	27.51	ng	96
4) n-Nitrosodimethylamine	2.54	42	38376	33.63	ng	94
6) Aniline	6.66	93	66943	17.63	ng	92
8) 2-Chlorophenol	6.81	128	91762	35.88	ng	92
9) Benzaldehyde	6.52	77	3906	3.59	ng	95
10) Phenol	6.68	94	106807	34.04	ng	79
11) bis(2-Chloroethyl)ether	6.77	93	86804	36.93	ng	97
12) 1,3-Dichlorobenzene	6.99	146	94382	33.18	ng	# 95
13) 1,4-Dichlorobenzene	7.09	146	98103	33.19	ng	95
14) 1,2-Dichlorobenzene	7.28	146	94120	34.74	ng	95
15) Benzyl Alcohol	7.26	79	69824	33.70	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.45	45	113076	35.70	ng	98
17) 2-Methylphenol	7.44	107	70679	33.95	ng	# 94
18) Hexachloroethane	7.69	117	33154	34.20	ng	90
19) n-Nitroso-di-n-propylamine	7.60	70	60944	33.19	ng	96
20) 3+4-Methylphenols	7.63	107	97022	35.51	ng	99
22) Acetophenone	7.58	105	121551	35.18	ng	# 98
24) Nitrobenzene	7.79	77	86321	33.66	ng	98
25) Isophorone	8.10	82	165840	34.49	ng	99
26) 2-Nitrophenol	8.19	139	43174	34.38	ng	97
27) 2,4-Dimethylphenol	8.27	122	84477	36.93	ng	96
28) bis(2-Chloroethoxy)methane	8.38	93	105174	36.04	ng	97
29) 2,4-Dichlorophenol	8.50	162	78647	36.07	ng	97
30) 1,2,4-Trichlorobenzene	8.59	180	78731	32.27	ng	99
31) Naphthalene	8.68	128	260723	32.53	ng	99
32) Benzoic acid	8.38	122	39924	32.36	ng	96
33) 4-Chloroaniline	8.76	127	59920	18.42	ng	# 96
34) Hexachlorobutadiene	8.83	225	43581	31.52	ng	96
35) Caprolactam	9.18	113	23278	36.53	ng	96
36) 4-Chloro-3-methylphenol	9.39	107	77679	35.41	ng	99
37) 2-Methylnaphthalene	9.54	142	187743	34.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	77984	31.90	ng	# 100
40) Hexachlorocyclopentadiene	9.72	237	71538	59.30	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	55238	32.62	nq	98
43) 2,4,5-Trichlorophenol	9.95	196	60455	33.04	nq	95
45) 1,1'-Biphenyl	10.12	154	217747	33.23	nq	97
46) 2-Chloronaphthalene	10.13	162	174831	32.83	nq	# 93
47) 2-Nitroaniline	10.27	65	43531	32.92	nq	# 84
48) Acenaphthylene	10.65	152	281860	31.83	nq	99
49) Dimethylphthalate	10.51	163	208470	34.29	nq	100
50) 2,6-Dinitrotoluene	10.58	165	43224	34.30	nq	88
51) Acenaphthene	10.85	154	158613	31.24	nq	98
52) 3-Nitroaniline	10.79	138	37034	25.30	nq	84
53) 2,4-Dinitrophenol	10.92	184	23638	53.97	nq	# 78
54) Dibenzofuran	11.07	168	250423	33.26	nq	93
55) 4-Nitrophenol	11.03	139	64480	59.48	nq	# 67
56) 2,4-Dinitrotoluene	11.08	165	61554	37.46	nq	# 57
57) Fluorene	11.49	166	204594	32.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.23	232	44601	31.66	nq	# 100
59) Diethylphthalate	11.39	149	209395	35.35	nq	99
60) 4-Chlorophenyl-phenylether	11.51	204	95367	33.42	nq	# 86
61) 4-Nitroaniline	11.54	138	47125	32.31	nq	87
62) Azobenzene	11.70	77	192328	33.97	nq	91
64) 4,6-Dinitro-2-methylphenol	11.57	198	20671	29.51	nq	94
65) n-Nitrosodiphenylamine	11.65	169	174259	33.10	nq	100
66) 4-Bromophenyl-phenylether	12.11	248	57906	34.32	nq	# 90
67) Hexachlorobenzene	12.17	284	60607	32.69	nq	# 92
68) Atrazine	12.34	200	60016	40.68	nq	99
69) Pentachlorophenol	12.43	266	46802	49.42	nq	97
70) Phenanthrene	12.68	178	315941	34.81	nq	99
71) Anthracene	12.75	178	312717	34.87	nq	99
72) Carbazole	12.96	167	296466	34.75	nq	99
73) Di-n-butylphthalate	13.41	149	359185	37.55	nq	99
74) Fluoranthene	14.16	202	344678	34.43	nq	99
76) Benzidine	14.34	184	132730	32.18	nq	98
77) Pyrene	14.43	202	365824	34.99	nq	99
79) Butylbenzylphthalate	15.27	149	158844	38.53	nq	87
80) Benzo(a)anthracene	15.92	228	343148	34.82	nq	99
81) 3,3'-Dichlorobenzidine	15.91	252	80486	24.76	nq	# 99
82) Chrysene	15.96	228	323440	36.50	nq	99
83) Bis(2-ethylhexyl)phthalate	15.99	149	231066	37.00	nq	# 96
84) Di-n-octyl phthalate	16.77	149	403500	37.79	nq	100
85) Indeno(1,2,3-cd)pyrene	18.98	276	364677	32.97	nq	# 100
87) Benzo(b)fluoranthene	17.20	252	340513	32.09	nq	98
88) Benzo(k)fluoranthene	17.23	252	301032	36.32	nq	# 97
89) Benzo(a)pyrene	17.57	252	313694	35.43	nq	# 96
90) Dibenzo(a,h)anthracene	19.00	278	295435	33.64	nq	97
91) Benzo(g,h,i)perylene	19.37	276	299211	33.47	nq	98

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

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