

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078909.D
 Acq On : 4 May 2015 10:42
 Operator : TP/IZ
 Sample : PB83061BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83061BS

Quant Time: May 05 01:28:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	72513	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	304389	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	147147	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	288397	20.00	ng	0.00
75) Chrysene-d12	16.29	240	298084	20.00	ng	-0.03
86) Perylene-d12	18.15	264	301007	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	562757	133.59	ng	0.01
7) Phenol-d6	6.90	99	697649	125.29	ng	0.00
23) Nitrobenzene-d5	8.04	82	394686	74.52	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	210654	132.33	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	899530	85.17	ng	0.00
78) Terphenyl-d14	14.96	244	1077106	86.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	55244	30.16	ng	# 31
3) Pyridine	3.11	79	155944	29.09	ng	99
4) n-Nitrosodimethylamine	3.02	42	77726m	33.84	ng	
6) Aniline	6.95	93	157137	19.99	ng	98
8) 2-Chlorophenol	7.08	128	181352	37.96	ng	99
9) Benzaldehyde	6.81	77	49063	13.08	ng	97
10) Phenol	6.92	94	236992	36.69	ng	92
11) bis(2-Chloroethyl)ether	7.04	93	169209	35.73	ng	98
12) 1,3-Dichlorobenzene	7.28	146	187740	34.96	ng	98
13) 1,4-Dichlorobenzene	7.38	146	193978	35.10	ng	98
14) 1,2-Dichlorobenzene	7.56	146	186399	36.23	ng	99
15) Benzyl Alcohol	7.53	79	151165	36.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.71	45	259395	35.80	ng	100
17) 2-Methylphenol	7.67	107	149784	38.96	ng	96
18) Hexachloroethane	7.99	117	65335	34.32	ng	93
19) n-Nitroso-di-n-propylamine	7.87	70	134147	35.67	ng	# 80
20) 3+4-Methylphenols	7.86	107	192992	37.67	ng	92
22) Acetophenone	7.86	105	260625	37.90	ng	# 98
24) Nitrobenzene	8.07	77	186848	35.59	ng	99
25) Isophorone	8.36	82	349487	35.59	ng	99
26) 2-Nitrophenol	8.47	139	71665	32.98	ng	98
27) 2,4-Dimethylphenol	8.52	122	168513	38.76	ng	92
28) bis(2-Chloroethoxy)methane	8.65	93	232221	38.36	ng	99
29) 2,4-Dichlorophenol	8.75	162	151908	39.29	ng	95
30) 1,2,4-Trichlorobenzene	8.87	180	156574	36.86	ng	97
31) Naphthalene	8.96	128	534624	36.86	ng	99
32) Benzoic acid	8.62	122	86480	33.89	ng	89
33) 4-Chloroaniline	9.03	127	125889	20.51	ng	98
34) Hexachlorobutadiene	9.12	225	85528	34.97	ng	99
35) Caprolactam	9.45	113	48168	38.53	ng	98
36) 4-Chloro-3-methylphenol	9.63	107	163239	40.20	ng	87
37) 2-Methylnaphthalene	9.82	142	362646	36.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	148113	35.74	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	164283	78.83	ng	99

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42) 2,4,6-Trichlorophenol	10.17	196	105903	37.17	nq	95
43) 2,4,5-Trichlorophenol	10.22	196	109825	38.13	nq #	88
45) 1,1'-Biphenyl	10.40	154	432858	37.00	nq	99
46) 2-Chloronaphthalene	10.42	162	339697	37.23	nq	99
47) 2-Nitroaniline	10.55	65	99353	37.58	nq	98
48) Acenaphthylene	10.94	152	555479	37.08	nq	99
49) Dimethylphthalate	10.79	163	409196	37.89	nq	100
50) 2,6-Dinitrotoluene	10.86	165	78773	36.96	nq	95
51) Acenaphthene	11.15	154	323132	36.17	nq	99
52) 3-Nitroaniline	11.06	138	74629	28.03	nq #	96
53) 2,4-Dinitrophenol	11.20	184	50192	64.29	nq #	69
54) Dibenzofuran	11.37	168	516191	40.00	nq	99
55) 4-Nitrophenol	11.27	139	160973	76.39	nq	89
56) 2,4-Dinitrotoluene	11.36	165	112598	39.96	nq #	64
57) Fluorene	11.79	166	410862	38.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	90116	38.28	nq #	100
59) Diethylphthalate	11.67	149	419576	39.22	nq	100
60) 4-Chlorophenyl-phenylether	11.81	204	182964	38.94	nq	96
61) 4-Nitroaniline	11.82	138	102645	38.54	nq	92
62) Azobenzene	12.00	77	423442	40.17	nq	96
64) 4,6-Dinitro-2-methylphenol	11.85	198	36763	34.57	nq	92
65) n-Nitrosodiphenylamine	11.94	169	348502	36.29	nq	99
66) 4-Bromophenyl-phenylether	12.41	248	114381	38.05	nq	96
67) Hexachlorobenzene	12.47	284	127823	37.20	nq	93
68) Atrazine	12.62	200	105099	37.63	nq	98
69) Pentachlorophenol	12.72	266	137213	69.26	nq	99
70) Phenanthrene	12.99	178	602424	37.34	nq	99
71) Anthracene	13.05	178	594256	37.54	nq	99
72) Carbazole	13.26	167	600863	39.83	nq	99
73) Di-n-butylphthalate	13.70	149	682572	37.73	nq	99
74) Fluoranthene	14.47	202	644459	38.33	nq	96
76) Benzidine	14.64	184	207608	25.84	nq	100
77) Pyrene	14.75	202	678932	39.53	nq	99
79) Butylbenzylphthalate	15.58	149	288683	38.45	nq	96
80) Benzo(a)anthracene	16.27	228	614354	37.64	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	168974	29.06	nq	99
82) Chrysene	16.32	228	594695	37.88	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	454301	39.95	nq #	98
84) Di-n-octyl phthalate	17.19	149	750081	37.45	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.67	276	724684	36.23	nq #	100
87) Benzo(b)fluoranthene	17.67	252	618467	37.54	nq #	97
88) Benzo(k)fluoranthene	17.70	252	636382m	39.90	nq	
89) Benzo(a)pyrene	18.08	252	603174	39.76	nq	99
90) Dibenzo(a,h)anthracene	19.70	278	578976	35.91	nq	98
91) Benzo(g,h,i)perylene	20.11	276	598800	37.06	nq	96

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

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