

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077965.D
 Acq On : 25 Mar 2015 21:48
 Operator : TP/IZ
 Sample : PB82320BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Quant Time: Mar 26 04:13:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43442	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	180607	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	91747	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	174711	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	199488	20.00	ng	-0.02
86) Perylene-d12	17.67	264	199800	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	256635	103.12	ng	0.00
7) Phenol-d6	6.67	99	308313	100.27	ng	0.00
23) Nitrobenzene-d5	7.79	82	183826	66.72	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	79410	90.46	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	411089	65.85	ng	0.00
78) Terphenyl-d14	14.67	244	480502	58.84	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.96	88	31973	28.30	ng	# 100
3) Pyridine	2.64	79	82455	27.16	ng	97
4) n-Nitrosodimethylamine	2.57	42	35311	26.71	ng	96
6) Aniline	6.68	93	70344	15.99	ng	# 55
8) 2-Chlorophenol	6.83	128	102115	34.47	ng	89
9) Benzaldehyde	6.54	77	4400	3.49	ng	95
10) Phenol	6.69	94	121182	33.34	ng	# 71
11) bis(2-Chloroethyl)ether	6.78	93	92010	33.80	ng	89
12) 1,3-Dichlorobenzene	7.01	146	106852	32.43	ng	97
13) 1,4-Dichlorobenzene	7.12	146	109378	31.95	ng	97
14) 1,2-Dichlorobenzene	7.30	146	106731	34.01	ng	96
15) Benzyl Alcohol	7.29	79	82608	34.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	120522	32.85	ng	98
17) 2-Methylphenol	7.44	107	79830	33.10	ng	96
18) Hexachloroethane	7.71	117	36873	32.84	ng	90
19) n-Nitroso-di-n-propylamine	7.62	70	70257	33.03	ng	96
20) 3+4-Methylphenols	7.63	107	106892	33.78	ng	94
22) Acetophenone	7.61	105	139129	34.80	ng	# 95
24) Nitrobenzene	7.81	77	100717	33.93	ng	91
25) Isophorone	8.11	82	173642	31.21	ng	# 93
26) 2-Nitrophenol	8.21	139	46135	31.75	ng	# 89
27) 2,4-Dimethylphenol	8.28	122	93119	35.17	ng	98
28) bis(2-Chloroethoxy)methane	8.40	93	112368	33.27	ng	99
29) 2,4-Dichlorophenol	8.51	162	85451	33.86	ng	98
30) 1,2,4-Trichlorobenzene	8.60	180	87791	31.09	ng	97
31) Naphthalene	8.69	128	285331	30.76	ng	99
32) Benzoic acid	8.40	122	38519	27.50	ng	99
33) 4-Chloroaniline	8.78	127	60873	16.17	ng	97
34) Hexachlorobutadiene	8.85	225	50294	31.43	ng	99
35) Caprolactam	9.21	113	26217	35.55	ng	# 86
36) 4-Chloro-3-methylphenol	9.39	107	85986	33.87	ng	# 82
37) 2-Methylnaphthalene	9.56	142	200193	32.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	84682	30.95	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	81880	60.57	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	61522	32.46	nq	99
43) 2,4,5-Trichlorophenol	9.96	196	63858	31.18	nq	# 93
45) 1,1'-Biphenyl	10.13	154	229420	31.28	nq	97
46) 2-Chloronaphthalene	10.16	162	190644	31.99	nq	95
47) 2-Nitroaniline	10.29	65	52919	35.75	nq	98
48) Acenaphthylene	10.66	152	297706	30.04	nq	100
49) Dimethylphthalate	10.53	163	227213	33.39	nq	99
50) 2,6-Dinitrotoluene	10.60	165	50141	35.55	nq	90
51) Acenaphthene	10.88	154	171134	30.11	nq	99
52) 3-Nitroaniline	10.81	138	35647	21.76	nq	94
53) 2,4-Dinitrophenol	10.94	184	36005	70.54	nq	# 63
54) Dibenzofuran	11.09	168	269617	31.99	nq	96
55) 4-Nitrophenol	11.04	139	83221	68.58	nq	98
56) 2,4-Dinitrotoluene	11.09	165	63521	34.54	nq	92
57) Fluorene	11.52	166	220624	31.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	54236	34.40	nq	# 100
59) Diethylphthalate	11.40	149	215784	32.55	nq	96
60) 4-Chlorophenyl-phenylether	11.53	204	101718	31.85	nq	94
61) 4-Nitroaniline	11.55	138	51158	31.33	nq	79
62) Azobenzene	11.72	77	205937	32.50	nq	93
64) 4,6-Dinitro-2-methylphenol	11.60	198	28089	35.30	nq	90
65) n-Nitrosodiphenylamine	11.68	169	190917	32.82	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	61080	32.76	nq	# 90
67) Hexachlorobenzene	12.19	284	66626	32.52	nq	96
68) Atrazine	12.35	200	58865	36.11	nq	93
69) Pentachlorophenol	12.44	266	66512	62.68	nq	98
70) Phenanthrene	12.71	178	334353	33.34	nq	100
71) Anthracene	12.77	178	343250	34.64	nq	98
72) Carbazole	12.98	167	334520	35.49	nq	99
73) Di-n-butylphthalate	13.44	149	377530	35.72	nq	99
74) Fluoranthene	14.18	202	386403	34.93	nq	99
76) Benzidine	14.36	184	155614	31.43	nq	99
77) Pyrene	14.45	202	396266	31.59	nq	99
79) Butylbenzylphthalate	15.29	149	168906	34.15	nq	88
80) Benzo(a)anthracene	15.94	228	381888	32.29	nq	99
81) 3,3'-Dichlorobenzidine	15.93	252	82489	21.15	nq	# 99
82) Chrysene	15.99	228	363904	34.22	nq	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	248622	33.19	nq	# 95
84) Di-n-octyl phthalate	16.80	149	445919	34.81	nq	99
85) Indeno(1,2,3-cd)pyrene	19.01	276	442016	33.31	nq	# 100
87) Benzo(b)fluoranthene	17.22	252	405045	31.05	nq	98
88) Benzo(k)fluoranthene	17.25	252	353794m	34.73	nq	
89) Benzo(a)pyrene	17.60	252	371378	34.12	nq	# 96
90) Dibenzo(a,h)anthracene	19.04	278	368449	34.13	nq	97
91) Benzo(g,h,i)perylene	19.41	276	365573	33.27	nq	98

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

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