

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094757.D
 Acq On : 1 May 2017 19:05
 Operator : SJ/MA
 Sample : PB98574BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98574BS

Quant Time: May 02 03:53:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99505	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	370144	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	168407	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	264426	20.00	ng	0.00
75) Chrysene-d12	14.47	240	189456	20.00	ng	0.00
86) Perylene-d12	16.09	264	151301	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	760323	126.77	ng	0.03
7) Phenol-d6	5.41	99	894381	126.49	ng	0.01
23) Nitrobenzene-d5	6.42	82	556694	92.87	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	169372	128.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1032205	90.18	ng	0.00
78) Terphenyl-d14	13.19	244	689014	97.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	98092	28.12	ng	94
3) Pyridine	2.69	79	256087	33.59	ng	98
4) n-Nitrosodimethylamine	2.64	42	117557	37.27	ng	85
6) Aniline	5.40	93	262777	27.96	ng	# 89
8) 2-Chlorophenol	5.54	128	293020	42.93	ng	96
9) Benzaldehyde	5.27	77	55160	10.26	ng	98
10) Phenol	5.42	94	343011	39.49	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	270719	42.66	ng	96
12) 1,3-Dichlorobenzene	5.70	146	303806	40.18	ng	99
13) 1,4-Dichlorobenzene	5.78	146	311924	41.00	ng	95
14) 1,2-Dichlorobenzene	5.96	146	286021	40.82	ng	96
15) Benzyl Alcohol	5.95	79	208790	39.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	348418	41.88	ng	# 26
17) 2-Methylphenol	6.10	107	234470	43.62	ng	# 87
18) Hexachloroethane	6.34	117	104530	40.08	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	195063	41.64	ng	99
20) 3+4-Methylphenols	6.28	107	310129	42.46	ng	# 63
22) Acetophenone	6.24	105	400561	44.51	ng	# 84
24) Nitrobenzene	6.44	77	281314	44.56	ng	91
25) Isophorone	6.72	82	468183	42.13	ng	95
26) 2-Nitrophenol	6.81	139	141001	41.58	ng	98
27) 2,4-Dimethylphenol	6.89	122	233616	42.41	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	302307	42.06	ng	99
29) 2,4-Dichlorophenol	7.12	162	226978	44.29	ng	100
30) 1,2,4-Trichlorobenzene	7.20	180	224677	42.41	ng	99
31) Naphthalene	7.28	128	743986	41.81	ng	100
32) Benzoic acid	7.08	122	125754	43.17	ng	98
33) 4-Chloroaniline	7.37	127	58844	7.95	ng	93
34) Hexachlorobutadiene	7.44	225	116022	43.92	ng	98
35) Caprolactam	7.81	113	68984m	42.85	ng	
36) 4-Chloro-3-methylphenol	8.00	107	231260	43.06	ng	89
37) 2-Methylnaphthalene	8.12	142	525572	43.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	211600	44.12	ng	99
40) Hexachlorocyclopentadiene	8.31	237	70802	36.50	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	153866	45.69	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	155760	45.04	nq #	93
45) 1,1'-Biphenyl	8.70	154	621918	45.20	nq	98
46) 2-Chloronaphthalene	8.72	162	484212	44.26	nq	96
47) 2-Nitroaniline	8.86	65	136954	43.52	nq	86
48) Acenaphthylene	9.22	152	757993	44.44	nq	98
49) Dimethylphthalate	9.09	163	594519	47.37	nq	99
50) 2,6-Dinitrotoluene	9.17	165	127535	45.27	nq	98
51) Acenaphthene	9.43	154	438474	42.92	nq	99
52) 3-Nitroaniline	9.37	138	73888	22.67	nq	90
53) 2,4-Dinitrophenol	9.52	184	40292	30.22	nq #	65
54) Dibenzofuran	9.65	168	651352	43.87	nq	92
55) 4-Nitrophenol	9.64	139	169920m	73.80	nq	
56) 2,4-Dinitrotoluene	9.67	165	157852	45.67	nq #	91
57) Fluorene	10.07	166	463782	40.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	109970	44.36	nq	96
59) Diethylphthalate	9.96	149	546148	46.12	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	210443	43.74	nq	88
61) 4-Nitroaniline	10.12	138	100899	30.45	nq	97
62) Azobenzene	10.27	77	489960	42.61	nq	93
64) 4,6-Dinitro-2-methylphenol	10.17	198	38383	22.15	nq #	64
65) n-Nitrosodiphenylamine	10.23	169	447010	48.61	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	130668	49.77	nq	99
67) Hexachlorobenzene	10.75	284	120511	45.54	nq #	90
68) Atrazine	10.91	200	124450	45.24	nq	97
69) Pentachlorophenol	11.01	266	97620	92.91	nq	99
70) Phenanthrene	11.25	178	646582	43.42	nq	98
71) Anthracene	11.31	178	663994	43.11	nq	98
72) Carbazole	11.52	167	556129	38.47	nq	99
73) Di-n-butylphthalate	11.97	149	803336	50.47	nq	99
74) Fluoranthene	12.71	202	595254	38.57	nq	99
76) Benzidine	12.89	184	347065	45.24	nq #	93
77) Pyrene	12.98	202	594028	44.88	nq	99
79) Butylbenzylphthalate	13.80	149	293079	50.52	nq #	87
80) Benzo(a)anthracene	14.45	228	493863	44.85	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	162486	41.68	nq #	96
82) Chrysene	14.50	228	440212	43.74	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	410594	52.72	nq #	99
84) Di-n-octyl phthalate	15.27	149	682401	52.23	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	381794	39.87	nq	99
87) Benzo(b)fluoranthene	15.69	252	442987	47.86	nq	98
88) Benzo(k)fluoranthene	15.72	252	438156	50.02	nq #	95
89) Benzo(a)pyrene	16.04	252	381942	44.36	nq	100
90) Dibenzo(a,h)anthracene	17.39	278	320698	44.85	nq	99
91) Benzo(g,h,i)perylene	17.75	276	313071	43.01	nq	98

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

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