

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079122.D
 Acq On : 11 May 2015 18:14
 Operator : TP/IZ
 Sample : PB83261BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Manual Integrations
 APPROVED

apatel
 5/12/2015 4:50:15 PM

Quant Time: May 12 02:32:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	50676	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	227811	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	119677	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	234072	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	257655	20.00	ng	-0.05
86) Perylene-d12	17.92	264	275866	20.00	ng	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	52273	17.76	ng	0.01
7) Phenol-d6	6.86	99	68809	17.68	ng	0.00
23) Nitrobenzene-d5	7.99	82	37331	9.42	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	19681	15.20	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	83962	9.77	ng	-0.01
78) Terphenyl-d14	14.89	244	105365	9.79	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	6655	5.20	ng	# 45
3) Pyridine	3.08	79	16283	4.35	ng	93
4) n-Nitrosodimethylamine	2.94	42	8276m	5.16	ng	
6) Aniline	6.89	93	17275	3.15	ng	91
8) 2-Chlorophenol	7.03	128	18640	5.58	ng	100
9) Benzaldehyde	6.74	77	11073	4.22	ng	92
10) Phenol	6.88	94	23828	5.28	ng	81
11) bis(2-Chloroethyl)ether	6.98	93	18138	5.48	ng	95
12) 1,3-Dichlorobenzene	7.22	146	19603	5.22	ng	# 91
13) 1,4-Dichlorobenzene	7.31	146	19671	5.09	ng	95
14) 1,2-Dichlorobenzene	7.50	146	19125	5.32	ng	95
15) Benzyl Alcohol	7.47	79	15678	5.43	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.66	45	27231	5.38	ng	99
17) 2-Methylphenol	7.62	107	14667	5.46	ng	96
18) Hexachloroethane	7.92	117	7224	5.43	ng	89
19) n-Nitroso-di-n-propylamine	7.80	70	13861	5.27	ng	93
20) 3+4-Methylphenols	7.82	107	20303	5.67	ng	# 45
22) Acetophenone	7.80	105	26587	5.17	ng	# 91
24) Nitrobenzene	8.01	77	18748	4.77	ng	94
25) Isophorone	8.31	82	36261	4.93	ng	99
26) 2-Nitrophenol	8.41	139	7433	4.57	ng	99
27) 2,4-Dimethylphenol	8.47	122	16578	5.09	ng	99
28) bis(2-Chloroethoxy)methane	8.59	93	21389	4.72	ng	99
29) 2,4-Dichlorophenol	8.71	162	15847	5.48	ng	97
30) 1,2,4-Trichlorobenzene	8.81	180	15305	4.81	ng	99
31) Naphthalene	8.90	128	56546	5.21	ng	97
32) Benzoic acid	8.54	122	6168	8.94	ng	97
33) 4-Chloroaniline	8.97	127	15552	3.39	ng	95
34) Hexachlorobutadiene	9.05	225	8204	4.48	ng	96
35) Caprolactam	9.38	113	4641	4.96	ng	# 73
36) 4-Chloro-3-methylphenol	9.59	107	16076	5.29	ng	# 84
37) 2-Methylnaphthalene	9.76	142	38404	5.11	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	16166	4.80	ng	# 100
40) Hexachlorocyclopentadiene	9.95	237	8604	5.08	ng	91

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42) 2,4,6-Trichlorophenol	10.11	196	10835	4.68	nq	95
43) 2,4,5-Trichlorophenol	10.16	196	11327	4.83	nq	98
45) 1,1'-Biphenyl	10.34	154	48569	5.10	nq	96
46) 2-Chloronaphthalene	10.36	162	35786	4.82	nq	95
47) 2-Nitroaniline	10.49	65	9026	4.20	nq	98
48) Acenaphthylene	10.88	152	57913	4.75	nq	98
49) Dimethylphthalate	10.73	163	39881	4.54	nq	98
50) 2,6-Dinitrotoluene	10.80	165	7916	4.57	nq #	82
51) Acenaphthene	11.08	154	33381	4.59	nq	98
52) 3-Nitroaniline	11.00	138	7932	3.66	nq	98
53) 2,4-Dinitrophenol	11.14	184	1352	4.50	nq #	88
54) Dibenzofuran	11.30	168	54261	5.17	nq	99
55) 4-Nitrophenol	11.22	139	14431	8.42	nq #	72
56) 2,4-Dinitrotoluene	11.29	165	9384	4.10	nq #	97
57) Fluorene	11.74	166	42224	4.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	8466	4.42	nq #	100
59) Diethylphthalate	11.60	149	40826	4.69	nq	96
60) 4-Chlorophenyl-phenylether	11.74	204	18907	4.95	nq	93
61) 4-Nitroaniline	11.76	138	9493	4.38	nq	83
62) Azobenzene	11.93	77	41963	4.89	nq	94
64) 4,6-Dinitro-2-methylphenol	11.79	198	1804	3.56	nq	85
65) n-Nitrosodiphenylamine	11.89	169	38355	4.92	nq	94
66) 4-Bromophenyl-phenylether	12.34	248	11721	4.80	nq #	87
67) Hexachlorobenzene	12.41	284	13521	4.85	nq #	79
68) Atrazine	12.56	200	11019	4.86	nq	96
69) Pentachlorophenol	12.66	266	8195	11.44	nq	95
70) Phenanthrene	12.93	178	66744	5.10	nq	98
71) Anthracene	12.99	178	63018	4.91	nq	98
72) Carbazole	13.20	167	60680	4.96	nq	97
73) Di-n-butylphthalate	13.65	149	71811	4.89	nq #	95
74) Fluoranthene	14.40	202	70389	5.16	nq	99
76) Benzidine	14.58	184	23162m	3.34	nq	
77) Pyrene	14.69	202	73432	4.95	nq	98
79) Butylbenzylphthalate	15.51	149	33962	5.23	nq	87
80) Benzo(a)anthracene	16.17	228	71586	5.07	nq	98
81) 3,3'-Dichlorobenzidine	16.15	252	21730	4.32	nq #	95
82) Chrysene	16.22	228	68458	5.04	nq	96
83) Bis(2-ethylhexyl)phthalate	16.23	149	51049	5.19	nq	96
84) Di-n-octyl phthalate	17.02	149	90955	5.25	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.37	276	88384	5.11	nq #	100
87) Benzo(b)fluoranthene	17.46	252	79553	5.27	nq	98
88) Benzo(k)fluoranthene	17.50	252	68453m	4.68	nq	
89) Benzo(a)pyrene	17.85	252	71292	5.13	nq	98
90) Dibenzo(a,h)anthracene	19.41	278	72729	4.92	nq	97
91) Benzo(g,h,i)perylene	19.81	276	74916	5.06	nq	95

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

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