

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096485.D
 Acq On : 5 Jul 2017 15:48
 Operator : SJ/MA
 Sample : I3871-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-51-20170622MS

Quant Time: Jul 05 17:07:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	114076	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	415369	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	166464	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	229134	20.00	ng	0.00
75) Chrysene-d12	13.87	240	167902	20.00	ng	0.00
86) Perylene-d12	15.27	264	149469	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	770176	99.65	ng	0.00
7) Phenol-d6	6.36	99	895497	94.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	483553	69.95	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	130935	100.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	851007	87.41	ng	0.00
78) Terphenyl-d14	12.82	244	496861	63.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	93252	25.44	ng	# 76
3) Pyridine	3.09	79	253535	25.21	ng	# 63
4) n-Nitrosodimethylamine	3.03	42	151864	30.60	ng	# 83
6) Aniline	6.37	93	313155	25.50	ng	# 76
8) 2-Chlorophenol	6.50	128	285700	34.66	ng	# 94
9) Benzaldehyde	6.25	77	147714	24.84	ng	# 97
10) Phenol	6.37	94	341891	31.58	ng	# 83
11) bis(2-Chloroethyl)ether	6.45	93	292630	34.98	ng	# 93
12) 1,3-Dichlorobenzene	6.66	146	295558	34.20	ng	# 97
13) 1,4-Dichlorobenzene	6.73	146	278805	32.28	ng	# 99
14) 1,2-Dichlorobenzene	6.89	146	257162	32.43	ng	# 95
15) Benzyl Alcohol	6.86	79	204406	32.18	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	512288	30.12	ng	# 91
17) 2-Methylphenol	6.97	107	200230	30.48	ng	# 98
18) Hexachloroethane	7.23	117	80585	25.73	ng	# 84
19) n-Nitroso-di-n-propylamine	7.13	70	161707	28.57	ng	# 82
20) 3+4-Methylphenols	7.13	107	243936	33.30	ng	# 91
22) Acetophenone	7.12	105	329843	36.34	ng	# 97
24) Nitrobenzene	7.29	77	241747	33.34	ng	# 92
25) Isophorone	7.53	82	441359	32.93	ng	# 96
26) 2-Nitrophenol	7.61	139	115462	30.08	ng	# 88
27) 2,4-Dimethylphenol	7.66	122	223177	34.15	ng	# 97
28) bis(2-Chloroethoxy)methane	7.75	93	303161	34.27	ng	# 100
29) 2,4-Dichlorophenol	7.86	162	201802	35.79	ng	# 98
30) 1,2,4-Trichlorobenzene	7.94	180	195564	36.77	ng	# 98
31) Naphthalene	8.02	128	727928	37.12	ng	# 100
33) 4-Chloroaniline	8.07	127	229156	28.13	ng	# 93
34) Hexachlorobutadiene	8.15	225	101637	37.26	ng	# 98
35) Caprolactam	8.42	113	60866	31.30	ng	# 71
36) 4-Chloro-3-methylphenol	8.55	107	205838	32.99	ng	# 89
37) 2-Methylnaphthalene	8.71	142	473751	37.95	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	169585	39.24	ng	# 99
40) Hexachlorocyclopentadiene	8.87	237	24559	11.69	ng	# 97
42) 2,4,6-Trichlorophenol	8.99	196	115746	33.85	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	120461	35.63	nq	# 92
45) 1,1'-Biphenyl	9.17	154	514814	36.09	nq	97
46) 2-Chloronaphthalene	9.20	162	396839	37.33	nq	95
47) 2-Nitroaniline	9.29	65	136731	35.35	nq	99
48) Acenaphthylene	9.61	152	633667	37.62	nq	98
49) Dimethylphthalate	9.47	163	606111	48.78	nq	100
50) 2,6-Dinitrotoluene	9.53	165	94007	34.21	nq	# 87
51) Acenaphthene	9.79	154	367369	35.39	nq	100
52) 3-Nitroaniline	9.70	138	114131	33.30	nq	88
54) Dibenzofuran	9.96	168	528055	38.52	nq	98
55) 4-Nitrophenol	9.86	139	108845	38.31	nq	# 66
56) 2,4-Dinitrotoluene	9.93	165	115503	33.19	nq	# 81
57) Fluorene	10.30	166	380913	39.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	75717	32.37	nq	96
59) Diethylphthalate	10.17	149	434118	36.96	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	159076	37.77	nq	93
61) 4-Nitroaniline	10.30	138	102194	32.79	nq	88
62) Azobenzene	10.45	77	375519	33.06	nq	90
65) n-Nitrosodiphenylamine	10.41	169	338629	42.12	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	93956	42.12	nq	95
67) Hexachlorobenzene	10.85	284	92149	37.74	nq	95
68) Atrazine	10.94	200	91452	39.82	nq	96
69) Pentachlorophenol	11.04	266	52345	36.17	nq	99
70) Phenanthrene	11.26	178	793267	64.04	nq	99
71) Anthracene	11.30	178	556090	44.06	nq	98
72) Carbazole	11.46	167	464070	36.56	nq	98
73) Di-n-butylphthalate	11.80	149	587426	38.21	nq	99
74) Fluoranthene	12.45	202	863078	71.07	nq	99
76) Benzidine	12.56	184	139142	17.27	nq	# 93
77) Pyrene	12.67	202	862675	64.01	nq	99
79) Butylbenzylphthalate	13.29	149	228434	33.48	nq	# 82
80) Benzo(a)anthracene	13.86	228	580371	59.69	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	124840	31.26	nq	# 96
82) Chrysene	13.89	228	554933	54.50	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	278949	36.63	nq	99
84) Di-n-octyl phthalate	14.47	149	528540	35.24	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.64	276	352409	43.85	nq	98
87) Benzo(b)fluoranthene	14.88	252	539798m	57.64	nq	
88) Benzo(k)fluoranthene	14.90	252	390769m	46.64	nq	
89) Benzo(a)pyrene	15.22	252	441905	52.85	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	244529	37.17	nq	98
91) Benzo(g,h,i)perylene	17.05	276	294931	43.27	nq	98

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

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