

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084354.D
 Acq On : 10 Jan 2016 10:13
 Operator : SJ/UM
 Sample : H1043-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S(0-10)MSD

Quant Time: Jan 11 03:51:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	243247	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1033728	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	481994	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	900572	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	678122	20.00	ng	-0.05
86) Perylene-d12	15.45	264	547304	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1893144	125.88	ng	-0.01
7) Phenol-d6	6.51	99	2160152	114.37	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1402918	75.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	560945	115.28	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2229613	81.08	ng	-0.05
78) Terphenyl-d14	12.97	244	2100076	69.13	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	243643	34.20	ng	# 72
3) Pyridine	3.23	79	709245	35.71	ng	# 69
4) n-Nitrosodimethylamine	3.18	42	402528	39.48	ng	# 77
6) Aniline	6.52	93	578391	20.93	ng	# 18
8) 2-Chlorophenol	6.65	128	724416	42.46	ng	90
9) Benzaldehyde	6.40	77	190631	15.50	ng	93
10) Phenol	6.52	94	748415	34.85	ng	77
11) bis(2-Chloroethyl)ether	6.60	93	743818	44.71	ng	92
12) 1,3-Dichlorobenzene	6.80	146	716784m	40.72	ng	
13) 1,4-Dichlorobenzene	6.88	146	767022	43.46	ng	94
14) 1,2-Dichlorobenzene	7.02	146	633130	37.46	ng	94
15) Benzyl Alcohol	7.00	79	622615	39.19	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1111446	36.69	ng	97
17) 2-Methylphenol	7.13	107	576068	40.28	ng	# 90
18) Hexachloroethane	7.37	117	280923	39.80	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	489069	38.25	ng	# 70
20) 3+4-Methylphenols	7.29	107	755357	44.94	ng	88
22) Acetophenone	7.28	105	1031388	41.49	ng	# 94
24) Nitrobenzene	7.45	77	871371	46.25	ng	96
25) Isophorone	7.69	82	1453466	40.92	ng	98
26) 2-Nitrophenol	7.76	139	368426	42.97	ng	# 72
27) 2,4-Dimethylphenol	7.81	122	669724	38.59	ng	91
28) bis(2-Chloroethoxy)methane	7.89	93	841732	38.79	ng	99
29) 2,4-Dichlorophenol	8.01	162	572685	39.62	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	650794	43.61	ng	# 96
31) Naphthalene	8.17	128	2020199	43.07	ng	99
32) Benzoic acid	7.90	122	111241	14.92	ng	87
33) 4-Chloroaniline	8.21	127	262565	12.21	ng	98
34) Hexachlorobutadiene	8.28	225	329875	38.45	ng	98
35) Caprolactam	8.59	113	208169m	42.72	ng	
36) 4-Chloro-3-methylphenol	8.72	107	664259	41.02	ng	94
37) 2-Methylnaphthalene	8.85	142	1290643	38.34	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	571544	41.25	ng	98
40) Hexachlorocyclopentadiene	9.01	237	567351	67.83	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	387211	37.35	nq	95
43) 2,4,5-Trichlorophenol	9.18	196	412980	41.56	nq	# 84
45) 1,1'-Biphenyl	9.32	154	1513445	39.51	nq	99
46) 2-Chloronaphthalene	9.34	162	1164320	38.69	nq	96
47) 2-Nitroaniline	9.45	65	496478	49.99	nq	94
48) Acenaphthylene	9.77	152	1911920	43.01	nq	99
49) Dimethylphthalate	9.63	163	1897948	55.08	nq	# 90
50) 2,6-Dinitrotoluene	9.69	165	309041	40.89	nq	# 50
51) Acenaphthene	9.94	154	1377129	46.18	nq	97
52) 3-Nitroaniline	9.86	138	281651	30.08	nq	89
53) 2,4-Dinitrophenol	9.96	184	217399	68.08	nq	# 83
54) Dibenzofuran	10.11	168	1755484	45.49	nq	99
55) 4-Nitrophenol	10.04	139	517620	76.15	nq	# 78
56) 2,4-Dinitrotoluene	10.09	165	422320	44.15	nq	# 80
57) Fluorene	10.45	166	1341322	44.91	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	339181	39.97	nq	95
59) Diethylphthalate	10.33	149	1444177	42.51	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	617658	49.87	nq	97
61) 4-Nitroaniline	10.48	138	333859	39.99	nq	96
62) Azobenzene	10.60	77	1609606	43.20	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	216264	39.31	nq	82
65) n-Nitrosodiphenylamine	10.57	169	1228007	42.65	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	423073	43.65	nq	# 93
67) Hexachlorobenzene	10.99	284	414549	38.00	nq	# 76
68) Atrazine	11.09	200	385052	40.86	nq	98
69) Pentachlorophenol	11.20	266	452157	79.93	nq	98
70) Phenanthrene	11.41	178	2148194	45.60	nq	97
71) Anthracene	11.46	178	1849693	40.06	nq	97
72) Carbazole	11.62	167	1892040	41.91	nq	97
73) Di-n-butylphthalate	11.95	149	2188314	45.82	nq	# 95
74) Fluoranthene	12.59	202	1964832	39.93	nq	98
76) Benzidine	12.72	184	384914	15.83	nq	97
77) Pyrene	12.82	202	1994857	37.49	nq	98
79) Butylbenzylphthalate	13.45	149	1027767	44.63	nq	98
80) Benzo(a)anthracene	14.01	228	1539510	38.66	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	371474	26.73	nq	# 95
82) Chrysene	14.04	228	1504144	39.31	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1239134	42.59	nq	# 97
84) Di-n-octyl phthalate	14.61	149	2048153	41.70	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1226851	40.45	nq	100
87) Benzo(b)fluoranthene	15.04	252	1334810m	37.28	nq	
88) Benzo(k)fluoranthene	15.07	252	1390548m	47.49	nq	
89) Benzo(a)pyrene	15.39	252	1283752	42.27	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	1032949	39.53	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	1035501	38.27	nq	100

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

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