

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084459.D
 Acq On : 13 Jan 2016 23:28
 Operator : SJ/UM
 Sample : H1083-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

Quant Time: Jan 14 15:29:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272147	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1146244	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	523058	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	978581	20.00	ng	0.00
75) Chrysene-d12	14.00	240	780189	20.00	ng	0.00
86) Perylene-d12	15.41	264	571120	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1767687	105.06	ng	0.02
7) Phenol-d6	6.49	99	2288278	108.29	ng	0.01
23) Nitrobenzene-d5	7.40	82	1555206	75.51	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	689400	130.55	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2558327	86.13	ng	0.00
78) Terphenyl-d14	12.95	244	2442313	69.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	281447	35.31	ng	# 69
3) Pyridine	3.30	79	664506m	29.90	ng	
4) n-Nitrosodimethylamine	3.22	42	392263	34.39	ng	# 97
6) Aniline	6.50	93	378865	12.26	ng	# 1
8) 2-Chlorophenol	6.62	128	799988	41.91	ng	95
9) Benzaldehyde	6.38	77	103068	7.49	ng	89
10) Phenol	6.50	94	963484	40.10	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	827771	44.48	ng	87
12) 1,3-Dichlorobenzene	6.77	146	748944	38.03	ng	# 94
13) 1,4-Dichlorobenzene	6.85	146	798976	40.46	ng	95
14) 1,2-Dichlorobenzene	7.00	146	686410	36.30	ng	96
15) Benzyl Alcohol	6.98	79	659988	37.13	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1267550	37.40	ng	89
17) 2-Methylphenol	7.10	107	667129	41.70	ng	97
18) Hexachloroethane	7.34	117	298434	37.79	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	528246	36.93	ng	# 74
20) 3+4-Methylphenols	7.25	107	744416	39.59	ng	# 58
22) Acetophenone	7.25	105	1092817	39.65	ng	# 94
24) Nitrobenzene	7.42	77	904356	43.29	ng	92
25) Isophorone	7.66	82	1584027	40.21	ng	97
26) 2-Nitrophenol	7.73	139	415710	43.73	ng	# 81
27) 2,4-Dimethylphenol	7.78	122	740340	38.47	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	999762	41.55	ng	99
29) 2,4-Dichlorophenol	7.98	162	664820	41.47	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	696682	42.10	ng	96
31) Naphthalene	8.14	128	2791890	53.68	ng	97
32) Benzoic acid	7.92	122	475785	39.68	ng	99
33) 4-Chloroaniline	8.19	127	268111	11.25	ng	96
34) Hexachlorobutadiene	8.26	225	363229	38.18	ng	99
35) Caprolactam	8.57	113	193541m	35.82	ng	
36) 4-Chloro-3-methylphenol	8.69	107	785060	43.72	ng	94
37) 2-Methylnaphthalene	8.83	142	1516743	40.63	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	624870	41.56	ng	99
40) Hexachlorocyclopentadiene	8.99	237	640095	70.51	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	467913	41.59	nq	94
43) 2,4,5-Trichlorophenol	9.16	196	458863	42.55	nq	# 89
45) 1,1'-Biphenyl	9.30	154	1755484	42.23	nq	99
46) 2-Chloronaphthalene	9.32	162	1329660	40.72	nq	94
47) 2-Nitroaniline	9.42	65	525070	48.72	nq	# 82
48) Acenaphthylene	9.73	152	2117633	43.90	nq	97
49) Dimethylphthalate	9.61	163	1677733	44.87	nq	# 90
50) 2,6-Dinitrotoluene	9.66	165	379653	46.29	nq	# 66
51) Acenaphthene	9.90	154	1578892	48.79	nq	97
52) 3-Nitroaniline	9.84	138	129141	12.71	nq	# 72
53) 2,4-Dinitrophenol	9.94	184	386303	109.21	nq	# 81
54) Dibenzofuran	10.09	168	1922549	45.93	nq	97
55) 4-Nitrophenol	10.01	139	555525	75.31	nq	# 77
56) 2,4-Dinitrotoluene	10.06	165	458059	44.13	nq	# 86
57) Fluorene	10.42	166	1422276	43.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	401171	43.57	nq	91
59) Diethylphthalate	10.30	149	1585470	43.00	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	680604	50.79	nq	95
61) 4-Nitroaniline	10.45	138	403416	44.53	nq	# 83
62) Azobenzene	10.58	77	1836286	45.41	nq	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	282739	47.67	nq	95
65) n-Nitrosodiphenylamine	10.53	169	1299636	41.54	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	466316	44.27	nq	99
67) Hexachlorobenzene	10.97	284	464266	39.16	nq	# 84
68) Atrazine	11.07	200	444323	43.40	nq	98
69) Pentachlorophenol	11.17	266	522349	84.98	nq	98
70) Phenanthrene	11.38	178	2167359	42.34	nq	96
71) Anthracene	11.44	178	2279951	45.44	nq	97
72) Carbazole	11.60	167	2168771	44.21	nq	97
73) Di-n-butylphthalate	11.93	149	2502869	49.13	nq	# 96
74) Fluoranthene	12.57	202	2147779	40.17	nq	98
76) Benzidine	12.69	184	67347	2.41	nq	98
77) Pyrene	12.80	202	2179841	35.60	nq	97
79) Butylbenzylphthalate	13.43	149	1097936	41.44	nq	# 85
80) Benzo(a)anthracene	13.99	228	1659113	36.22	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	387258	24.22	nq	# 98
82) Chrysene	14.02	228	1594657	36.22	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1307153	39.05	nq	# 95
84) Di-n-octyl phthalate	14.59	149	2107802	37.30	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1380600	39.56	nq	97
87) Benzo(b)fluoranthene	15.01	252	1765702m	47.26	nq	
88) Benzo(k)fluoranthene	15.04	252	1146598m	37.53	nq	
89) Benzo(a)pyrene	15.36	252	1374748	43.38	nq	98
90) Dibenzo(a,h)anthracene	16.81	278	1155169	42.36	nq	99
91) Benzo(g,h,i)perylene	17.22	276	1190346	42.15	nq	99

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

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