

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084445.D
 Acq On : 13 Jan 2016 16:49
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 14 13:46:07 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 13:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	262999	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1094834	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	500184	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	922946	20.00	ng	0.00
75) Chrysene-d12	14.00	240	694019	20.00	ng	0.00
86) Perylene-d12	15.41	264	499074	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1279252	78.68	ng	0.00
7) Phenol-d6	6.48	99	1571998	76.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	1395293	70.93	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	409500	81.09	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2316501	81.19	ng	0.00
78) Terphenyl-d14	12.94	244	2075951	66.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	305795	39.70	ng	# 76
3) Pyridine	3.13	79	927961	43.21	ng	# 79
4) n-Nitrosodimethylamine	3.07	42	389969	35.38	ng	# 91
6) Aniline	6.50	93	1084875	36.32	ng	97
8) 2-Chlorophenol	6.62	128	759071	41.15	ng	96
9) Benzaldehyde	6.38	77	471385	35.45	ng	91
10) Phenol	6.50	94	833589	35.90	ng	# 48
11) bis(2-Chloroethyl)ether	6.58	93	747073	41.54	ng	96
12) 1,3-Dichlorobenzene	6.77	146	753993	39.62	ng	# 95
13) 1,4-Dichlorobenzene	6.85	146	791211	41.46	ng	95
14) 1,2-Dichlorobenzene	7.00	146	667692	36.53	ng	95
15) Benzyl Alcohol	6.98	79	574521	33.44	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1152822	35.20	ng	85
17) 2-Methylphenol	7.10	107	640077	41.40	ng	98
18) Hexachloroethane	7.34	117	297881	39.03	ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	473116	34.22	ng	# 73
20) 3+4-Methylphenols	7.25	107	662758	36.47	ng	# 52
22) Acetophenone	7.25	105	1023946	38.89	ng	# 94
24) Nitrobenzene	7.42	77	855352	42.87	ng	96
25) Isophorone	7.66	82	1434375	38.12	ng	99
26) 2-Nitrophenol	7.74	139	387482	42.67	ng	# 88
27) 2,4-Dimethylphenol	7.78	122	678146	36.90	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	918862	39.98	ng	# 97
29) 2,4-Dichlorophenol	7.98	162	612471	40.00	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	643635	40.72	ng	96
31) Naphthalene	8.14	128	1990133	40.07	ng	98
32) Benzoic acid	7.89	122	303770	28.59	ng	93
33) 4-Chloroaniline	8.20	127	923998	40.58	ng	# 89
34) Hexachlorobutadiene	8.26	225	341836	37.62	ng	98
35) Caprolactam	8.57	113	188304	36.48	ng	# 49
36) 4-Chloro-3-methylphenol	8.68	107	628416	36.64	ng	94
37) 2-Methylnaphthalene	8.83	142	1355852	38.02	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	598451	41.62	ng	99
40) Hexachlorocyclopentadiene	8.99	237	305043	35.14	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	405057	37.65	nq	95
43) 2,4,5-Trichlorophenol	9.16	196	422881	41.00	nq	95
45) 1,1'-Biphenyl	9.30	154	1583194	39.83	nq	99
46) 2-Chloronaphthalene	9.32	162	1176954	37.69	nq	95
47) 2-Nitroaniline	9.42	65	460390	44.67	nq	# 79
48) Acenaphthylene	9.73	152	1856759	40.25	nq	97
49) Dimethylphthalate	9.61	163	1477636	41.32	nq	# 91
50) 2,6-Dinitrotoluene	9.66	165	326950	41.69	nq	# 71
51) Acenaphthene	9.90	154	1230340	39.76	nq	96
52) 3-Nitroaniline	9.84	138	407856	41.97	nq	# 88
53) 2,4-Dinitrophenol	9.94	184	120774	38.10	nq	84
54) Dibenzofuran	10.08	168	1639148	40.61	nq	91
55) 4-Nitrophenol	10.01	139	306736	43.48	nq	87
56) 2,4-Dinitrotoluene	10.06	165	399656	40.26	nq	# 95
57) Fluorene	10.42	166	1179822	37.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	352447	40.03	nq	90
59) Diethylphthalate	10.30	149	1423518	40.38	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	604552	46.50	nq	97
61) 4-Nitroaniline	10.44	138	375300	43.32	nq	89
62) Azobenzene	10.58	77	1615178	41.77	nq	95
64) 4,6-Dinitro-2-methylphenol	10.48	198	207350	36.82	nq	83
65) n-Nitrosodiphenylamine	10.53	169	1116605	37.84	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	405925	40.86	nq	100
67) Hexachlorobenzene	10.97	284	404521	36.18	nq	# 84
68) Atrazine	11.07	200	399791	41.40	nq	97
69) Pentachlorophenol	11.16	266	188642	32.54	nq	97
70) Phenanthrene	11.38	178	1868586	38.71	nq	97
71) Anthracene	11.44	178	1992470	42.10	nq	97
72) Carbazole	11.60	167	1850393	39.99	nq	97
73) Di-n-butylphthalate	11.93	149	2141785	43.08	nq	# 96
74) Fluoranthene	12.57	202	1873198	37.14	nq	97
76) Benzidine	12.69	184	774477	31.12	nq	99
77) Pyrene	12.80	202	1860794	34.17	nq	97
79) Butylbenzylphthalate	13.43	149	889333	37.74	nq	# 91
80) Benzo(a)anthracene	13.99	228	1434974	35.21	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	552409	38.84	nq	# 97
82) Chrysene	14.02	228	1363695	34.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1020639	34.28	nq	# 95
84) Di-n-octyl phthalate	14.59	149	1564846	31.13	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.80	276	1171773	37.75	nq	97
87) Benzo(b)fluoranthene	15.01	252	1386142m	42.46	nq	
88) Benzo(k)fluoranthene	15.04	252	971750m	36.40	nq	
89) Benzo(a)pyrene	15.36	252	1114459	40.25	nq	# 97
90) Dibenzo(a,h)anthracene	16.81	278	959940	40.29	nq	98
91) Benzo(g,h,i)perylene	17.22	276	1008182	40.86	nq	100

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

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