

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083459.D
 Acq On : 3 Dec 2015 14:26
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 03 18:21:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 03 17:02:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	196129m	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	751471	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	370829	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	697986	20.00	ng	0.00
75) Chrysene-d12	14.72	240	625800	20.00	ng	0.00
86) Perylene-d12	16.77	264	535672	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1028719	78.71	ng	0.00
7) Phenol-d6	6.20	99	1302824m	72.82	ng	0.00
23) Nitrobenzene-d5	7.10	82	1298707	75.97	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	280161	75.26	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1826028	70.17	ng	0.00
78) Terphenyl-d14	13.19	244	1922970	73.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	239506	33.84	ng	97
3) Pyridine	2.54	79	729909	41.23	ng	98
4) n-Nitrosodimethylamine	2.51	42	336618	38.63	ng	98
6) Aniline	6.19	93	912860	37.30	ng	95
8) 2-Chlorophenol	6.32	128	528613	36.66	ng	88
9) Benzaldehyde	6.06	77	327087	37.46	ng	98
10) Phenol	6.22	94	743554	34.54	ng	95
11) bis(2-Chloroethyl)ether	6.28	93	598604	38.23	ng	90
12) 1,3-Dichlorobenzene	6.46	146	605205m	37.76	ng	
13) 1,4-Dichlorobenzene	6.54	146	615133m	37.14	ng	
14) 1,2-Dichlorobenzene	6.70	146	560213	36.86	ng	97
15) Benzyl Alcohol	6.69	79	518745	37.52	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.83	45	1019928	37.12	ng	59
17) 2-Methylphenol	6.83	107	468999	39.03	ng	97
18) Hexachloroethane	7.04	117	218149	37.92	ng	96
19) n-Nitroso-di-n-propylamine	6.97	70	460915m	36.04	ng	
20) 3+4-Methylphenols	6.99	107	629963	38.70	ng	99
22) Acetophenone	6.96	105	811911	36.11	ng	# 93
24) Nitrobenzene	7.13	77	681401	37.33	ng	# 88
25) Isophorone	7.38	82	1230603	37.16	ng	98
26) 2-Nitrophenol	7.45	139	310566	41.68	ng	# 80
27) 2,4-Dimethylphenol	7.50	122	455306	36.45	ng	92
28) bis(2-Chloroethoxy)methane	7.60	93	747994	39.67	ng	98
29) 2,4-Dichlorophenol	7.70	162	459533	38.25	ng	95
30) 1,2,4-Trichlorobenzene	7.77	180	490445	37.51	ng	98
31) Naphthalene	7.85	128	1564041	38.36	ng	98
32) Benzoic acid	7.69	122	339748	39.43	ng	93
33) 4-Chloroaniline	7.90	127	602060	34.25	ng	# 90
34) Hexachlorobutadiene	7.97	225	281564	37.92	ng	97
35) Caprolactam	8.30	113	153477	40.43	ng	# 83
36) 4-Chloro-3-methylphenol	8.41	107	495018	36.73	ng	# 83
37) 2-Methylnaphthalene	8.53	142	1014599	37.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	470538	40.03	ng	98
40) Hexachlorocyclopentadiene	8.69	237	146572	26.25	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	320404	38.86	nq	96
43) 2,4,5-Trichlorophenol	8.88	196	322252	37.72	nq	# 92
45) 1,1'-Biphenyl	9.00	154	1295270	39.83	nq	98
46) 2-Chloronaphthalene	9.01	162	928455	37.47	nq	98
47) 2-Nitroaniline	9.13	65	385270	39.26	nq	# 83
48) Acenaphthylene	9.42	152	1423361	36.01	nq	100
49) Dimethylphthalate	9.31	163	1119873	37.16	nq	100
50) 2,6-Dinitrotoluene	9.37	165	229857	35.72	nq	# 82
51) Acenaphthene	9.60	154	823499	35.42	nq	100
52) 3-Nitroaniline	9.54	138	260646	34.55	nq	93
53) 2,4-Dinitrophenol	9.65	184	122956	35.84	nq	# 76
54) Dibenzofuran	9.77	168	1174920	34.48	nq	100
55) 4-Nitrophenol	9.73	139	199831m	42.35	nq	
56) 2,4-Dinitrotoluene	9.78	165	324007	39.68	nq	# 52
57) Fluorene	10.11	166	981031	36.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	270613	39.26	nq	99
59) Diethylphthalate	10.01	149	1097023	38.19	nq	99
60) 4-Chlorophenyl-phenylether	10.11	204	479924	38.82	nq	98
61) 4-Nitroaniline	10.16	138	281759	37.33	nq	95
62) Azobenzene	10.27	77	1394222	40.18	nq	96
64) 4,6-Dinitro-2-methylphenol	10.19	198	192518	41.08	nq	# 65
65) n-Nitrosodiphenylamine	10.24	169	977930	39.87	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	286150	37.48	nq	# 78
67) Hexachlorobenzene	10.67	284	312999	37.07	nq	# 74
68) Atrazine	10.80	200	245997	36.26	nq	98
69) Pentachlorophenol	10.90	266	169343	38.29	nq	99
70) Phenanthrene	11.13	178	1519725	36.79	nq	98
71) Anthracene	11.19	178	1526389	36.71	nq	100
72) Carbazole	11.38	167	1425028	38.14	nq	99
73) Di-n-butylphthalate	11.83	149	1783656	40.28	nq	100
74) Fluoranthene	12.63	202	1592323	37.19	nq	99
76) Benzidine	12.83	184	699492	37.53	nq	98
77) Pyrene	12.93	202	1648519	37.72	nq	98
79) Butylbenzylphthalate	13.93	149	776120	41.86	nq	88
80) Benzo(a)anthracene	14.71	228	1456543	37.99	nq	100
81) 3,3'-Dichlorobenzidine	14.69	252	491848	41.07	nq	99
82) Chrysene	14.76	228	1378777	37.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.83	149	1088070	43.75	nq	100
84) Di-n-octyl phthalate	15.80	149	1829352	49.40	nq	100
85) Indeno(1,2,3-cd)pyrene	18.17	276	1092046	40.48	nq	100
87) Benzo(b)fluoranthene	16.27	252	1386868	40.35	nq	98
88) Benzo(k)fluoranthene	16.32	252	1080576	33.29	nq	98
89) Benzo(a)pyrene	16.71	252	1108039	37.53	nq	# 96
90) Dibenzo(a,h)anthracene	18.18	278	924312	35.93	nq	99
91) Benzo(g,h,i)perylene	18.53	276	850833	33.70	nq	99

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

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