

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089540.D
 Acq On : 2 Aug 2016 11:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 03 11:08:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	47480m	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	206813	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	97271	20.00	ng	-0.07
63) Phenanthrene-d10	10.97	188	187411	20.00	ng	-0.08
75) Chrysene-d12	13.60	240	130241	20.00	ng	-0.07
86) Perylene-d12	14.93	264	102068	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	250756	84.33	ng	-0.08
7) Phenol-d6	6.14	99	317083	80.69	ng	-0.07
23) Nitrobenzene-d5	7.05	82	299362	85.44	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	65701	81.55	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	574813	86.72	ng	-0.07
78) Terphenyl-d14	12.56	244	496547	89.23	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	54124	40.19	ng	99
3) Pyridine	2.43	79	149922	51.53	ng	99
4) n-Nitrosodimethylamine	2.40	42	53070	44.90	ng	91
6) Aniline	6.14	93	216693m	51.07	ng	
8) 2-Chlorophenol	6.26	128	141424	42.05	ng	98
9) Benzaldehyde	6.01	77	64146	33.43	ng	92
10) Phenol	6.16	94	185949	42.88	ng	82
11) bis(2-Chloroethyl)ether	6.23	93	147808	40.12	ng	99
12) 1,3-Dichlorobenzene	6.41	146	150636m	42.81	ng	
13) 1,4-Dichlorobenzene	6.49	146	163438m	42.09	ng	
14) 1,2-Dichlorobenzene	6.64	146	141470	38.89	ng	# 93
15) Benzyl Alcohol	6.64	79	116641	47.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	168190	41.85	ng	# 64
17) 2-Methylphenol	6.76	107	102709	39.51	ng	95
18) Hexachloroethane	6.98	117	63086	42.38	ng	# 91
19) n-Nitroso-di-n-propylamine	6.91	70	108155	45.64	ng	93
20) 3+4-Methylphenols	6.92	107	139321	41.73	ng	# 84
22) Acetophenone	6.90	105	212774	43.22	ng	# 97
24) Nitrobenzene	7.07	77	162985	40.87	ng	98
25) Isophorone	7.31	82	273968	38.82	ng	96
26) 2-Nitrophenol	7.39	139	70034	39.28	ng	94
27) 2,4-Dimethylphenol	7.45	122	124485	43.83	ng	95
28) bis(2-Chloroethoxy)methane	7.54	93	173229	44.34	ng	# 97
29) 2,4-Dichlorophenol	7.64	162	107639	41.59	ng	94
30) 1,2,4-Trichlorobenzene	7.71	180	122131	41.36	ng	100
31) Naphthalene	7.78	128	406425	39.68	ng	99
32) Benzoic acid	7.62	122	85071	42.98	ng	93
33) 4-Chloroaniline	7.85	127	179784	46.11	ng	99
34) Hexachlorobutadiene	7.91	225	71252	42.13	ng	98
35) Caprolactam	8.24	113	34896	44.67	ng	98
36) 4-Chloro-3-methylphenol	8.35	107	134666	43.78	ng	92
37) 2-Methylnaphthalene	8.48	142	253946	41.15	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	128644	37.79	ng	100
40) Hexachlorocyclopentadiene	8.63	237	30355	36.71	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	72542	44.82	nq	98
43) 2,4,5-Trichlorophenol	8.81	196	74235	36.21	nq	96
45) 1,1'-Biphenyl	8.94	154	311103	37.56	nq	99
46) 2-Chloronaphthalene	8.96	162	260613	41.90	nq	99
47) 2-Nitroaniline	9.07	65	85603	46.47	nq	97
48) Acenaphthylene	9.37	152	418909	42.76	nq	100
49) Dimethylphthalate	9.26	163	297317	40.16	nq	100
50) 2,6-Dinitrotoluene	9.31	165	60616	39.85	nq	# 78
51) Acenaphthene	9.54	154	245382	42.89	nq	99
52) 3-Nitroaniline	9.48	138	80078	49.89	nq	93
53) 2,4-Dinitrophenol	9.60	184	24202	45.53	nq	95
54) Dibenzofuran	9.71	168	324400	41.61	nq	95
55) 4-Nitrophenol	9.68	139	25551m	36.34	nq	
56) 2,4-Dinitrotoluene	9.72	165	80856	40.38	nq	# 56
57) Fluorene	10.04	166	261586	38.44	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.84	232	59911	43.77	nq	97
59) Diethylphthalate	9.94	149	274357	36.56	nq	99
60) 4-Chlorophenyl-phenylether	10.04	204	117266	37.57	nq	# 77
61) 4-Nitroaniline	10.10	138	74539	45.05	nq	87
62) Azobenzene	10.20	77	311847	40.35	nq	96
64) 4,6-Dinitro-2-methylphenol	10.12	198	44130	39.83	nq	# 46
65) n-Nitrosodiphenylamine	10.17	169	233932	40.00	nq	99
66) 4-Bromophenyl-phenylether	10.54	248	68263	38.15	nq	# 90
67) Hexachlorobenzene	10.59	284	72116	39.33	nq	93
68) Atrazine	10.71	200	71047	39.55	nq	97
69) Pentachlorophenol	10.80	266	31099	38.41	nq	98
70) Phenanthrene	11.00	178	381799	39.50	nq	98
71) Anthracene	11.05	178	425493	39.59	nq	100
72) Carbazole	11.21	167	362026	40.02	nq	98
73) Di-n-butylphthalate	11.55	149	424273	34.96	nq	99
74) Fluoranthene	12.17	202	404825	39.82	nq	94
76) Benzidine	12.31	184	186662	38.79	nq	96
77) Pyrene	12.40	202	412090	41.75	nq	100
79) Butylbenzylphthalate	13.04	149	203647	45.38	nq	92
80) Benzo(a)anthracene	13.59	228	312080	42.46	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	105985	40.07	nq	# 96
82) Chrysene	13.62	228	334603	42.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.60	149	253979	39.15	nq	99
84) Di-n-octyl phthalate	14.21	149	411799	40.68	nq	98
85) Indeno(1,2,3-cd)pyrene	16.08	276	213692	38.42	nq	99
87) Benzo(b)fluoranthene	14.58	252	288787m	45.56	nq	
88) Benzo(k)fluoranthene	14.61	252	224275m	38.48	nq	
89) Benzo(a)pyrene	14.87	252	226636	39.86	nq	100
90) Dibenzo(a,h)anthracene	16.09	278	182728	40.79	nq	96
91) Benzo(g,h,i)perylene	16.42	276	188032	42.70	nq	98

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

Abundance

TIC: BF089540.D

Time-->

1,4-Dioxane

n-Nitrosodimethylamine,

2-Fluorophenol, S

Benzaldehyde

1,4-Dichlorobenzene, C

1,3-Dichlorobenzene, C

Nitrobenzene, C

Isophorone

2-Nitrophenol, C

Benzic acid

2,4-Dichlorobenzene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylphenol, C

2,4,6-Trichlorophenol, C

2-Nitroaniline

2,6-Dichlorophthalate

3-Nitroaniline, C

2,3,4,6-Tetrachlorophthalate

4-Nitrophenol, C

2-Nitrophenol, C

2,4,6-Trichlorophenol, C

2,4-Dichlorophenol, C

4-Bromophenyl-phenylether

Atrazine

Phenanthrene

Carbazole

Di-n-butylphthalate

Benzidine

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Butylbenzylphthalate

2,3-Dichlorobenzidine

2,3-Dichlorobenzene

Di-n-octyl phthalate, C

Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12,1

Dibenz(a,h)anthracene

Benzo(g,h,i)perylene