

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096379.D
 Acq On : 1 Jul 2017 15:22
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 03 01:46:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	171317	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	705978	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	311977	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	512810	20.00	ng	0.00
75) Chrysene-d12	13.88	240	329071	20.00	ng	0.00
86) Perylene-d12	15.29	264	293211	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	839783	72.35	ng	0.00
7) Phenol-d6	6.37	99	1126471	78.94	ng	0.00
23) Nitrobenzene-d5	7.30	82	962709	81.94	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	195278	80.13	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1414118	77.50	ng	0.00
78) Terphenyl-d14	12.83	244	1223683	79.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	202835	36.854	ng	# 76
3) Pyridine	3.13	79	553078	36.625	ng	# 69
4) n-Nitrosodimethylamine	3.08	42	277608	37.244	ng	88
6) Aniline	6.40	93	730918	39.632	ng	98
8) 2-Chlorophenol	6.52	128	489560	39.552	ng	94
9) Benzaldehyde	6.28	77	354703	39.719	ng	98
10) Phenol	6.39	94	633296	38.957	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	499402	39.752	ng	91
12) 1,3-Dichlorobenzene	6.67	146	508476	39.179	ng	97
13) 1,4-Dichlorobenzene	6.75	146	512810	39.532	ng	94
14) 1,2-Dichlorobenzene	6.91	146	461850	38.777	ng	97
15) Benzyl Alcohol	6.87	79	384609	40.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1034520	40.506	ng	91
17) 2-Methylphenol	6.99	107	399949	40.545	ng	97
18) Hexachloroethane	7.25	117	185946	39.539	ng	# 82
19) n-Nitroso-di-n-propylamine	7.16	70	331446	38.990	ng	# 87
20) 3+4-Methylphenols	7.15	107	438271	39.834	ng	97
22) Acetophenone	7.15	105	603631	39.131	ng	# 90
24) Nitrobenzene	7.32	77	517290	41.971	ng	96
25) Isophorone	7.56	82	934139	41.008	ng	96
26) 2-Nitrophenol	7.63	139	275532	42.237	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	452513	40.739	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	570558	37.944	ng	99
29) 2,4-Dichlorophenol	7.87	162	361541	37.725	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	352375	38.978	ng	96
31) Naphthalene	8.04	128	1263086	37.898	ng	100
32) Benzoic acid	7.81	122	389445	41.746	ng	95
33) 4-Chloroaniline	8.09	127	550285	39.750	ng	98
34) Hexachlorobutadiene	8.16	225	185191	39.939	ng	97
35) Caprolactam	8.46	113	125118	37.860	ng	# 60
36) 4-Chloro-3-methylphenol	8.57	107	414881	39.124	ng	90
37) 2-Methylnaphthalene	8.73	142	823638	38.823	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	304619	37.605	ng	99
40) Hexachlorocyclopentadiene	8.89	237	158911	40.346	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	252164	39.350	ng	96
43) 2,4,5-Trichlorophenol	9.05	196	255561	40.335	ng	99
45) 1,1'-Biphenyl	9.20	154	1037572	38.816	ng	98
46) 2-Chloronaphthalene	9.22	162	772969	38.802	ng	93
47) 2-Nitroaniline	9.31	65	295090	40.711	ng	94
48) Acenaphthylene	9.63	152	1240082	39.286	ng	100
49) Dimethylphthalate	9.50	163	909222	39.040	ng	100
50) 2,6-Dinitrotoluene	9.56	165	209928	40.762	ng #	90
51) Acenaphthene	9.80	154	758306	38.973	ng	99
52) 3-Nitroaniline	9.72	138	256082	39.866	ng	93
53) 2,4-Dinitrophenol	9.82	184	116715	42.668	ng #	70
54) Dibenzofuran	9.97	168	1006584	39.184	ng	99
55) 4-Nitrophenol	9.88	139	218975	41.129	ng #	68
56) 2,4-Dinitrotoluene	9.96	165	271649	41.652	ng #	82
57) Fluorene	10.32	166	722742	39.836	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	174413	39.787	ng	99
59) Diethylphthalate	10.20	149	887825	40.332	ng	99
60) 4-Chlorophenyl-phenylether	10.31	204	306029	38.768	ng	95
61) 4-Nitroaniline	10.33	138	234395	40.131	ng	88
62) Azobenzene	10.47	77	852801	40.065	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	151561	42.854	ng	94
65) n-Nitrosodiphenylamine	10.43	169	717572	39.881	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	198422	39.748	ng	97
67) Hexachlorobenzene	10.87	284	215572	39.448	ng #	90
68) Atrazine	10.96	200	202043	39.305	ng	94
69) Pentachlorophenol	11.06	266	138133	42.650	ng	99
70) Phenanthrene	11.27	178	1067508	38.509	ng	99
71) Anthracene	11.33	178	1099148	38.909	ng	100
72) Carbazole	11.47	167	1110119	39.076	ng	99
73) Di-n-butylphthalate	11.82	149	1343335	39.039	ng	99
74) Fluoranthene	12.46	202	1046532	38.505	ng	97
76) Benzidine	12.57	184	610946	38.692	ng	97
77) Pyrene	12.69	202	1067002	40.396	ng	99
79) Butylbenzylphthalate	13.30	149	545270	40.780	ng #	79
80) Benzo(a)anthracene	13.87	228	762607	40.019	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	321758	41.110	ng #	96
82) Chrysene	13.90	228	783459	39.260	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	601876	40.326	ng #	99
84) Di-n-octyl phthalate	14.48	149	1226493	41.729	ng #	94
85) Indeno(1,2,3-cd)pyrene	16.66	276	631616	40.098	ng	94
87) Benzo(b)fluoranthene	14.89	252	710313	38.662	ng	97
88) Benzo(k)fluoranthene	14.92	252	677284	41.211	ng	97
89) Benzo(a)pyrene	15.23	252	655431	39.958	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	510034	39.525	ng #	94
91) Benzo(g,h,i)perylene	17.07	276	524356	39.214	ng	95

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

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