

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
 Data File : BF084582.D
 Acq On : 21 Jan 2016 14:52
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 22 01:01:10 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	6.76	152	221791	20.00	ng	-0.07
21) Naphthalene-d8	8.05	136	909768	20.00	ng	-0.07
38) Acenaphthene-d10	9.80	164	428813	20.00	ng	-0.07
63) Phenanthrene-d10	11.29	188	783526	20.00	ng	-0.07
75) Chrysene-d12	13.92	240	557010	20.00	ng	-0.08
86) Perylene-d12	15.31	264	469539	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1110789	81.01	ng	-0.08
7) Phenol-d6	6.41	99	1294047	75.14	ng	-0.07
23) Nitrobenzene-d5	7.33	82	1234766	75.54	ng	-0.07
41) 2,4,6-Tribromophenol	10.59	330	328812	75.95	ng	-0.08
44) 2-Fluorobiphenyl	9.13	172	1914309	78.01	ng	-0.07
78) Terphenyl-d14	12.88	244	2050428	82.17	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	241262	37.14	ng	# 78
3) Pyridine	2.98	79	511540	28.25	ng	# 68
4) n-Nitrosodimethylamine	2.92	42	275385	29.62	ng	# 72
6) Aniline	6.42	93	862859	34.25	ng	# 53
8) 2-Chlorophenol	6.54	128	615145	39.54	ng	91
9) Benzaldehyde	6.30	77	368330	32.85	ng	97
10) Phenol	6.42	94	688508	35.16	ng	# 71
11) bis(2-Chloroethyl)ether	6.50	93	546239m	36.01	ng	
12) 1,3-Dichlorobenzene	6.69	146	628032m	39.13	ng	
13) 1,4-Dichlorobenzene	6.77	146	615503	38.25	ng	97
14) 1,2-Dichlorobenzene	6.93	146	630612	40.92	ng	98
15) Benzyl Alcohol	6.91	79	493168	34.04	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	927600	33.58	ng	85
17) 2-Methylphenol	7.04	107	509848	39.10	ng	94
18) Hexachloroethane	7.28	117	255486	39.70	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	398240	34.16	ng	# 72
20) 3+4-Methylphenols	7.18	107	575971	37.58	ng	# 66
22) Acetophenone	7.17	105	862200	39.41	ng	97
24) Nitrobenzene	7.34	77	618356	37.30	ng	92
25) Isophorone	7.60	82	1194915	38.22	ng	97
26) 2-Nitrophenol	7.66	139	308306	40.86	ng	# 81
27) 2,4-Dimethylphenol	7.71	122	533421	34.92	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	707255	37.04	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	522717	41.09	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	540361	41.14	ng	# 94
31) Naphthalene	8.08	128	1693436	41.03	ng	99
32) Benzoic acid	7.85	122	388636	40.65	ng	97
33) 4-Chloroaniline	8.12	127	663272	35.05	ng	98
34) Hexachlorobutadiene	8.19	225	292077	38.69	ng	98
35) Caprolactam	8.51	113	171998	40.10	ng	# 90
36) 4-Chloro-3-methylphenol	8.61	107	515614	36.18	ng	94
37) 2-Methylnaphthalene	8.76	142	1143970	38.61	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	492928	39.99	ng	98
40) Hexachlorocyclopentadiene	8.91	237	239992	32.25	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	348148	37.75	nq	92
43) 2,4,5-Trichlorophenol	9.08	196	343056	38.80	nq #	83
45) 1,1'-Biphenyl	9.23	154	1487910	43.66	nq	97
46) 2-Chloronaphthalene	9.25	162	1089686	40.71	nq	90
47) 2-Nitroaniline	9.36	65	356377	40.34	nq #	61
48) Acenaphthylene	9.66	152	1575172	39.83	nq	97
49) Dimethylphthalate	9.54	163	1271248	41.47	nq #	90
50) 2,6-Dinitrotoluene	9.60	165	284061	42.25	nq #	70
51) Acenaphthene	9.84	154	1039292	39.18	nq	97
52) 3-Nitroaniline	9.77	138	350853	42.11	nq #	75
53) 2,4-Dinitrophenol	9.87	184	150510	53.77	nq	92
54) Dibenzofuran	10.01	168	1394995	40.29	nq	92
55) 4-Nitrophenol	9.94	139	263458	43.56	nq	90
56) 2,4-Dinitrotoluene	10.00	165	338150	39.74	nq #	87
57) Fluorene	10.35	166	1094521	40.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	297111	39.36	nq	89
59) Diethylphthalate	10.24	149	1233053	40.79	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	499223	44.43	nq #	83
61) 4-Nitroaniline	10.37	138	284037	38.25	nq	94
62) Azobenzene	10.50	77	1261384	38.05	nq	86
64) 4,6-Dinitro-2-methylphenol	10.41	198	216158	45.35	nq	85
65) n-Nitrosodiphenylamine	10.46	169	949208	37.89	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	311810	36.97	nq #	76
67) Hexachlorobenzene	10.90	284	385716	40.64	nq #	92
68) Atrazine	11.00	200	337681	41.19	nq	92
69) Pentachlorophenol	11.09	266	202282	41.10	nq	98
70) Phenanthrene	11.31	178	1758921	42.92	nq	97
71) Anthracene	11.36	178	1590177	39.58	nq	99
72) Carbazole	11.52	167	1379858	35.13	nq	99
73) Di-n-butylphthalate	11.86	149	1914355	46.16	nq	98
74) Fluoranthene	12.49	202	1673689	39.09	nq	99
76) Benzidine	12.61	184	331384	16.59	nq	99
77) Pyrene	12.72	202	1659148	37.96	nq	99
79) Butylbenzylphthalate	13.35	149	721555	38.15	nq	88
80) Benzo(a)anthracene	13.91	228	1348389	41.23	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	476573	41.75	nq #	94
82) Chrysene	13.94	228	1301233	41.40	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	955415	39.98	nq #	93
84) Di-n-octyl phthalate	14.52	149	1627240	40.33	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.65	276	1083805	43.50	nq	100
87) Benzo(b)fluoranthene	14.92	252	1186737m	38.64	nq	
88) Benzo(k)fluoranthene	14.95	252	1074462m	42.77	nq	
89) Benzo(a)pyrene	15.25	252	1048035	40.23	nq #	96
90) Dibenzo(a,h)anthracene	16.67	278	890038	39.70	nq #	95
91) Benzo(g,h,i)perylene	17.06	276	918217	39.55	nq	96

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

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