

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
 Data File : BF084542.D
 Acq On : 18 Jan 2016 18:20
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 19 00:12:46 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	6.80	152	285873	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	1176663	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	532678	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	1013305	20.00	ng	-0.03
75) Chrysene-d12	13.96	240	536456	20.00	ng	-0.03
86) Perylene-d12	15.36	264	439598	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1332565	75.40	ng	-0.05
7) Phenol-d6	6.44	99	1741723	78.47	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1548932	73.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	441907	82.17	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	2405321	78.99	ng	-0.03
78) Terphenyl-d14	12.91	244	2446263	101.79	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	328760	39.27	ng	# 76
3) Pyridine	3.06	79	807896	34.61	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	391183	32.65	ng	78
6) Aniline	6.46	93	1220109	37.57	ng	94
8) 2-Chlorophenol	6.58	128	797983	39.80	ng	83
9) Benzaldehyde	6.34	77	516386	35.73	ng	97
10) Phenol	6.46	94	944577	37.43	ng	# 60
11) bis(2-Chloroethyl)ether	6.53	93	780373	39.92	ng	# 78
12) 1,3-Dichlorobenzene	6.74	146	885973	42.83	ng	99
13) 1,4-Dichlorobenzene	6.82	146	863070m	41.61	ng	
14) 1,2-Dichlorobenzene	6.97	146	776000	39.06	ng	98
15) Benzyl Alcohol	6.94	79	639590	34.25	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1219733	34.26	ng	86
17) 2-Methylphenol	7.07	107	694845	41.34	ng	94
18) Hexachloroethane	7.31	117	344716	41.56	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	560949	37.33	ng	# 72
20) 3+4-Methylphenols	7.22	107	734037	37.16	ng	# 49
22) Acetophenone	7.22	105	1177584	41.62	ng	# 94
24) Nitrobenzene	7.39	77	952241	44.41	ng	94
25) Isophorone	7.63	82	1579799	39.07	ng	99
26) 2-Nitrophenol	7.70	139	408180	41.83	ng	# 82
27) 2,4-Dimethylphenol	7.74	122	755852	38.26	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	1002631	40.60	ng	96
29) 2,4-Dichlorophenol	7.95	162	697502	42.39	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	730351	42.99	ng	# 94
31) Naphthalene	8.11	128	2292994	42.95	ng	99
32) Benzoic acid	7.88	122	493535	40.03	ng	97
33) 4-Chloroaniline	8.16	127	940961	38.45	ng	98
34) Hexachlorobutadiene	8.22	225	385378	39.47	ng	98
35) Caprolactam	8.56	113	238618	43.02	ng	# 87
36) 4-Chloro-3-methylphenol	8.65	107	693743	37.64	ng	93
37) 2-Methylnaphthalene	8.80	142	1375422	35.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	692562	45.22	ng	99
40) Hexachlorocyclopentadiene	8.96	237	353093	38.20	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	466088	40.68	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	469537	42.75	nq	95
45) 1,1'-Biphenyl	9.26	154	1793342	42.36	nq	99
46) 2-Chloronaphthalene	9.29	162	1334426	40.13	nq	95
47) 2-Nitroaniline	9.39	65	522783	47.63	nq #	82
48) Acenaphthylene	9.70	152	1873806	38.14	nq	96
49) Dimethylphthalate	9.57	163	1524727	40.04	nq #	90
50) 2,6-Dinitrotoluene	9.63	165	337761	40.44	nq #	56
51) Acenaphthene	9.87	154	1360712	41.29	nq	97
52) 3-Nitroaniline	9.80	138	426636	41.22	nq	93
53) 2,4-Dinitrophenol	9.90	184	212905	60.74	nq #	86
54) Dibenzofuran	10.04	168	1704118	39.57	nq #	89
55) 4-Nitrophenol	9.97	139	330915	44.05	nq #	84
56) 2,4-Dinitrotoluene	10.03	165	416999	39.45	nq #	86
57) Fluorene	10.38	166	1227060	36.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	398385	42.48	nq	91
59) Diethylphthalate	10.27	149	1592248	42.41	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	689165	50.45	nq	90
61) 4-Nitroaniline	10.42	138	444774	48.21	nq	86
62) Azobenzene	10.54	77	1709269	41.51	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	281670	45.72	nq	83
65) n-Nitrosodiphenylamine	10.50	169	1198734	37.00	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	435892	39.97	nq #	91
67) Hexachlorobenzene	10.93	284	461633	37.61	nq #	91
68) Atrazine	11.04	200	425159	40.10	nq	97
69) Pentachlorophenol	11.13	266	251738	39.55	nq	97
70) Phenanthrene	11.34	178	1931667	36.44	nq	96
71) Anthracene	11.40	178	2265068	43.59	nq	98
72) Carbazole	11.55	167	1902806	37.46	nq	99
73) Di-n-butylphthalate	11.89	149	2438693	45.23	nq #	97
74) Fluoranthene	12.53	202	2219616	40.09	nq	96
76) Benzidine	12.66	184	950746	49.43	nq	99
77) Pyrene	12.76	202	2255236	53.57	nq	98
79) Butylbenzylphthalate	13.38	149	783083	42.99	nq #	83
80) Benzo(a)anthracene	13.95	228	1333561	42.34	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	537163	48.86	nq #	98
82) Chrysene	13.99	228	1301395	42.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	953120	41.41	nq #	94
84) Di-n-octyl phthalate	14.56	149	1463900	37.68	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.73	276	1069777	44.59	nq	98
87) Benzo(b)fluoranthene	14.97	252	1189507m	41.37	nq	
88) Benzo(k)fluoranthene	14.99	252	932589m	39.65	nq	
89) Benzo(a)pyrene	15.31	252	1026420	42.08	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	881852	42.02	nq	97
91) Benzo(g,h,i)perylene	17.14	276	925395	42.58	nq	95

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

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