Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
Data File : BF092984.D
Acq On : 16 Feb 2017 16:38
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 16 18:11:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158387m	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	668791	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	342848	20.00	ng		-0.03
63) Phenanthrene-d10	11.38	188	588651	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	496601	20.00	ng		-0.03
86) Perylene-d12	15.45	264	414159	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	728325	78.89	ng		-0.03
7) Phenol-d6	6.50	99	930088	78.30	ng		-0.03
23) Nitrobenzene-d5	7.42	82	922934	76.85	ng		-0.03
41) 2,4,6-Tribromophenol	10.68	330	191590	77.26	ng		-0.03
44) 2-Fluorobiphenyl	9.22	172	1377740	72.80	ng		-0.02
78) Terphenyl-d14	12.97	244	1648437	78.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	207822	41.66	ng		87
3) Pyridine	3.17	79	568131	44.79	ng		88
4) n-Nitrosodimethylamine	3.13	42	243041	40.81	ng		85
6) Aniline	6.52	93	684076m	42.22	ng		
8) 2-Chlorophenol	6.65	128	435589	42.77	ng		95
9) Benzaldehyde	6.41	77	314817	36.99	ng		96
10) Phenol	6.51	94	542465	39.03	ng		88
11) bis(2-Chloroethyl)ether	6.60	93	482161	43.47	ng		99
12) 1,3-Dichlorobenzene	6.80	146	472694m	39.62	ng		
13) 1,4-Dichlorobenzene	6.88	146	497506	41.21	ng		97
14) 1,2-Dichlorobenzene	7.04	146	441289	38.22	ng	#	93
15) Benzyl Alcohol	7.00	79	337855	38.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	797116	41.36	ng		93
17) 2-Methylphenol	7.13	107	381853	43.70	ng		97
18) Hexachloroethane	7.37	117	165501	40.15	ng		91
19) n-Nitroso-di-n-propylamine	7.28	70	304816	40.31	ng		93
20) 3+4-Methylphenols	7.28	107	403787	38.65	ng	#	82
22) Acetophenone	7.28	105	571752	37.44	ng	#	93
24) Nitrobenzene	7.45	77	503782	40.85	ng		97
25) Isophorone	7.69	82	894320	39.96	ng		97
26) 2-Nitrophenol	7.77	139	243692	41.57	ng	#	78
27) 2,4-Dimethylphenol	7.80	122	380705	36.98	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	538838	36.35	ng		99
29) 2,4-Dichlorophenol	8.01	162	387593	40.37	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	401050	38.76	ng		97
31) Naphthalene	8.17	128	1309439	38.62	ng		99
32) Benzoic acid	7.94	122	211749	38.05	ng		98
33) 4-Chloroaniline	8.21	127	507281	38.15	ng	#	94
34) Hexachlorobutadiene	8.28	225	206547	36.28	ng		99
35) Caprolactam	8.60	113	128027	42.39	ng	#	49
36) 4-Chloro-3-methylphenol	8.70	107	413632	41.32	ng		98
37) 2-Methylnaphthalene	8.85	142	778984	35.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	406334	42.22	ng		99
40) Hexachlorocyclopentadiene	9.01	237	157791	36.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	261161	41.30	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	272199	39.28	ng		96
45) 1,1'-Biphenyl	9.32	154	1050264	42.30	ng		98
46) 2-Chloronaphthalene	9.34	162	789645	40.66	ng		97
47) 2-Nitroaniline	9.45	65	288231	44.14	ng	#	78
48) Acenaphthylene	9.76	152	1232751	36.74	ng		99
49) Dimethylphthalate	9.63	163	965399	41.81	ng		99
50) 2,6-Dinitrotoluene	9.69	165	221783	44.47	ng	#	91
51) Acenaphthene	9.93	154	771467	38.46	ng		97
52) 3-Nitroaniline	9.86	138	269727	47.26	ng		89
53) 2,4-Dinitrophenol	9.96	184	117627	48.35	ng	#	75
54) Dibenzofuran	10.10	168	963050	35.90	ng		97
55) 4-Nitrophenol	10.02	139	161130	39.20	ng		94
56) 2,4-Dinitrotoluene	10.09	165	251035	37.81	ng		97
57) Fluorene	10.44	166	797737	38.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	202373	43.78	ng		96
59) Diethylphthalate	10.32	149	836282	38.43	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	372754	37.59	ng		97
61) 4-Nitroaniline	10.46	138	256280	43.84	ng		92
62) Azobenzene	10.59	77	920521	40.94	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	170608	47.64	ng		81
65) n-Nitrosodiphenylamine	10.56	169	723212	38.46	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	224925	36.57	ng		97
67) Hexachlorobenzene	10.99	284	234525	38.59	ng	#	93
68) Atrazine	11.08	200	210059	34.81	ng		100
69) Pentachlorophenol	11.19	266	136674	46.84	ng		98
70) Phenanthrene	11.40	178	1189011	35.26	ng		99
71) Anthracene	11.46	178	1406785	41.54	ng		98
72) Carbazole	11.61	167	1236012	38.18	ng		98
73) Di-n-butylphthalate	11.94	149	1351464	38.60	ng	#	97
74) Fluoranthene	12.59	202	1333469	38.33	ng		96
76) Benzidine	12.72	184	551433	26.06	ng		100
77) Pyrene	12.82	202	1343752	36.16	ng		99
79) Butylbenzylphthalate	13.44	149	620755	41.13	ng		88
80) Benzo(a)anthracene	14.01	228	1079682	35.55	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	442286	40.85	ng	#	96
82) Chrysene	14.04	228	1016589	35.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	809464	39.22	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1358175	40.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	841975	38.22	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1065430	39.08	ng		97
88) Benzo(k)fluoranthene	15.06	252	951428m	40.42	ng		
89) Benzo(a)pyrene	15.39	252	952584	40.40	ng		96
90) Dibenzo(a,h)anthracene	16.87	278	726557	38.12	ng		98
91) Benzo(g,h,i)perylene	17.28	276	718044	37.30	ng	#	93

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

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