Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084370.D
Acq On : 10 Jan 2016 17:45
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 11 06:01:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	440437	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	1753999	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	828363	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	1462288	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	877345	20.00	ng		-0.03
86) Perylene-d12	15.45	264	846038	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2047722	75.20	ng		-0.02
7) Phenol-d6	6.52	99	2567610	75.08	ng		-0.01
23) Nitrobenzene-d5	7.44	82	2365411	75.06	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	606026	72.46	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	3386853	70.87	ng		-0.03
78) Terphenyl-d14	12.98	244	3271492	83.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	493419	38.25	ng	#	72
3) Pyridine	3.17	79	1477461	41.08	ng	#	73
4) n-Nitrosodimethylamine	3.15	42	724980	39.27	ng		78
6) Aniline	6.53	93	1645040	32.88	ng	#	36
8) 2-Chlorophenol	6.66	128	1185007	38.36	ng		88
9) Benzaldehyde	6.41	77	815811	36.64	ng		98
10) Phenol	6.53	94	1545013	39.73	ng		79
11) bis(2-Chloroethyl)ether	6.60	93	1148931m	38.14	ng		
12) 1,3-Dichlorobenzene	6.80	146	1205824	37.84	ng	#	90
13) 1,4-Dichlorobenzene	6.88	146	1145328	35.84	ng		99
14) 1,2-Dichlorobenzene	7.04	146	1192610	38.97	ng		98
15) Benzyl Alcohol	7.01	79	949591	33.01	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1903675	34.71	ng		92
17) 2-Methylphenol	7.14	107	1036301	40.02	ng	#	87
18) Hexachloroethane	7.37	117	479399	37.51	ng	#	89
19) n-Nitroso-di-n-propylamine	7.30	70	929760	40.16	ng	#	79
20) 3+4-Methylphenols	7.29	107	1042023	34.24	ng	#	61
22) Acetophenone	7.28	105	1767266	41.90	ng	#	95
24) Nitrobenzene	7.46	77	1459566	45.66	ng		94
25) Isophorone	7.70	82	2527457	41.93	ng		99
26) 2-Nitrophenol	7.77	139	678442	46.64	ng	#	84
27) 2,4-Dimethylphenol	7.81	122	1054320	35.80	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	1385831	37.64	ng		98
29) 2,4-Dichlorophenol	8.02	162	1035499	42.22	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	1000084	39.49	ng		98
31) Naphthalene	8.17	128	3083345	38.75	ng		98
32) Benzoic acid	7.97	122	586408	33.17	ng		92
33) 4-Chloroaniline	8.22	127	1327902	36.40	ng		97
34) Hexachlorobutadiene	8.29	225	592291	40.69	ng		97
35) Caprolactam	8.64	113	376922	45.58	ng	#	59
36) 4-Chloro-3-methylphenol	8.72	107	1053568	38.35	ng		93
37) 2-Methylnaphthalene	8.86	142	2230369	39.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	888048	37.29	ng		99
40) Hexachlorocyclopentadiene	9.01	237	351978	24.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	685278	38.46	ng		92
43) 2,4,5-Trichlorophenol	9.20	196	732143	42.87	ng		96
45) 1,1'-Biphenyl	9.33	154	2752459	41.81	ng		96
46) 2-Chloronaphthalene	9.36	162	2054301	39.73	ng		92
47) 2-Nitroaniline	9.45	65	733399	42.97	ng		98
48) Acenaphthylene	9.77	152	2666336	34.90	ng	#	94
49) Dimethylphthalate	9.64	163	2373110	40.07	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	535024	41.19	ng	#	58
51) Acenaphthene	9.94	154	1794672	35.02	ng		97
52) 3-Nitroaniline	9.87	138	618411	38.42	ng		94
53) 2,4-Dinitrophenol	9.97	184	171568	33.19	ng	#	76
54) Dibenzofuran	10.11	168	2350152	34.73	ng	#	87
55) 4-Nitrophenol	10.04	139	427077	36.56	ng	#	82
56) 2,4-Dinitrotoluene	10.10	165	639953	38.93	ng	#	86
57) Fluorene	10.45	166	1888553	36.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	596013	40.87	ng		90
59) Diethylphthalate	10.34	149	2442803	41.84	ng		95
60) 4-Chlorophenyl-phenylether	10.44	204	836449	37.26	ng		88
61) 4-Nitroaniline	10.49	138	573259	39.96	ng		94
62) Azobenzene	10.60	77	2217646	34.63	ng		87
64) 4,6-Dinitro-2-methylphenol	10.51	198	307232	34.54	ng		96
65) n-Nitrosodiphenylamine	10.57	169	1679971	35.93	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	573388	36.43	ng	#	77
67) Hexachlorobenzene	11.00	284	722913	40.81	ng		99
68) Atrazine	11.10	200	687338	44.92	ng		94
69) Pentachlorophenol	11.20	266	348063	37.89	ng		99
70) Phenanthrene	11.41	178	2664526	34.84	ng		94
71) Anthracene	11.47	178	3174676	42.34	ng		96
72) Carbazole	11.62	167	2378784	32.45	ng		97
73) Di-n-butylphthalate	11.95	149	2888378	34.88	ng	#	94
74) Fluoranthene	12.60	202	2865298	35.86	ng		94
76) Benzidine	12.73	184	1136737	36.14	ng		98
77) Pyrene	12.83	202	2813425	40.86	ng		96
79) Butylbenzylphthalate	13.45	149	1202611	40.37	ng		92
80) Benzo(a)anthracene	14.02	228	1921473	37.30	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	802747	44.65	ng		99
82) Chrysene	14.05	228	1890828	38.20	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1469634	39.05	ng		97
84) Di-n-octyl phthalate	14.63	149	2585112	40.68	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.85	276	1928484	49.15	ng		99
87) Benzo(b)fluoranthene	15.05	252	2135202m	38.58	ng		
88) Benzo(k)fluoranthene	15.07	252	1564519m	34.57	ng		
89) Benzo(a)pyrene	15.40	252	1881655	40.08	ng		97
90) Dibenzo(a,h)anthracene	16.88	278	1576685	39.03	ng		96
91) Benzo(g,h,i)perylene	17.29	276	1567247	37.47	ng		98

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

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