Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091944.D
Acq On : 24 Dec 2016 1:58
Operator : UM/SJ
Sample : PB95595BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95595BS

Quant Time: Dec 24 03:33:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	204536	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	872525	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	432249	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	629161	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	394273	20.00	ng		-0.01
86) Perylene-d12	15.29	264	402564	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1778488	145.19	ng		0.05
7) Phenol-d6	6.43	99	2138022	142.96	ng		0.02
23) Nitrobenzene-d5	7.31	82	1415401	90.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	479853	134.14	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2147534	104.80	ng		-0.01
78) Terphenyl-d14	12.84	244	1522048	93.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	300626	49.85	ng		98
3) Pyridine	3.02	79	908297	43.15	ng		100
4) n-Nitrosodimethylamine	3.00	42	389254	49.03	ng		97
6) Aniline	6.42	93	314261	16.18	ng	#	59
8) 2-Chlorophenol	6.54	128	663777	47.64	ng		98
9) Benzaldehyde	6.28	77	92936	8.34	ng		97
10) Phenol	6.44	94	707344	41.50	ng		85
11) bis(2-Chloroethyl)ether	6.49	93	700949	51.69	ng		96
12) 1,3-Dichlorobenzene	6.68	146	691959	46.52	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	702300	46.39	ng		95
14) 1,2-Dichlorobenzene	6.91	146	569397	43.34	ng		97
15) Benzyl Alcohol	6.90	79	463300	39.87	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	904574	44.80	ng		89
17) 2-Methylphenol	7.05	107	559752	49.95	ng		95
18) Hexachloroethane	7.25	117	260377	46.39	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	543951	54.67	ng		92
20) 3+4-Methylphenols	7.20	107	754411	56.44	ng	#	71
22) Acetophenone	7.16	105	998250	46.38	ng	#	89
24) Nitrobenzene	7.33	77	765120	45.78	ng		96
25) Isophorone	7.57	82	1242271	42.91	ng		96
26) 2-Nitrophenol	7.65	139	360013	43.68	ng	#	80
27) 2,4-Dimethylphenol	7.71	122	537776	39.34	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	884172	50.37	ng		99
29) 2,4-Dichlorophenol	7.90	162	541608	46.79	ng		85
30) 1,2,4-Trichlorobenzene	7.97	180	570335	44.96	ng		96
31) Naphthalene	8.05	128	1919534	48.07	ng		99
32) Benzoic acid	7.87	122	363253	35.83	ng		91
33) 4-Chloroaniline	8.13	127	132701	7.37	ng		97
34) Hexachlorobutadiene	8.17	225	305968	45.70	ng		100
35) Caprolactam	8.49	113	158519	41.67	ng	#	65
36) 4-Chloro-3-methylphenol	8.62	107	577976	43.39	ng		99
37) 2-Methylnaphthalene	8.74	142	1163057	50.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	538331	49.29	ng		99
40) Hexachlorocyclopentadiene	8.90	237	314201	65.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	349207	45.72	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	325203	41.37	ng		95
45) 1,1'-Biphenyl	9.21	154	1473917	49.80	ng		99
46) 2-Chloronaphthalene	9.23	162	1074957	45.86	ng		96
47) 2-Nitroaniline	9.33	65	323564	38.77	ng		98
48) Acenaphthylene	9.64	152	1581264	43.87	ng		99
49) Dimethylphthalate	9.52	163	1318932	47.71	ng		99
50) 2,6-Dinitrotoluene	9.57	165	250923	41.47	ng	#	63
51) Acenaphthene	9.81	154	1014245	41.50	ng		99
52) 3-Nitroaniline	9.74	138	123674	16.52	ng		98
53) 2,4-Dinitrophenol	9.86	184	122636	36.42	ng		96
54) Dibenzofuran	9.98	168	1347409	40.83	ng		96
55) 4-Nitrophenol	9.95	139	348872m	68.61	ng		
56) 2,4-Dinitrotoluene	9.97	165	343402	45.22	ng	#	78
57) Fluorene	10.33	166	1086600	45.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	255722	41.14	ng		99
59) Diethylphthalate	10.21	149	1291296	48.10	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	484325	46.07	ng		97
61) 4-Nitroaniline	10.36	138	231771	29.87	ng		99
62) Azobenzene	10.48	77	1296313	43.85	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	108391	28.49	ng	#	59
65) n-Nitrosodiphenylamine	10.44	169	930364	49.83	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	316673	48.39	ng		98
67) Hexachlorobenzene	10.88	284	344685	49.27	ng		98
68) Atrazine	10.98	200	330647	54.90	ng		97
69) Pentachlorophenol	11.08	266	277539	80.85	ng		98
70) Phenanthrene	11.29	178	1630078	47.78	ng		99
71) Anthracene	11.33	178	1435942	48.93	ng		99
72) Carbazole	11.49	167	1283835	46.28	ng		98
73) Di-n-butylphthalate	11.82	149	1664334	52.14	ng		99
74) Fluoranthene	12.46	202	1289855	42.92	ng		97
76) Benzidine	12.60	184	475012	48.08	ng		97
77) Pyrene	12.69	202	1331284	46.02	ng		99
79) Butylbenzylphthalate	13.32	149	664450	50.50	ng	#	79
80) Benzo(a)anthracene	13.88	228	1012023	45.47	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	362138	42.91	ng	#	95
82) Chrysene	13.92	228	1019033	45.65	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	809726	52.26	ng	#	97
84) Di-n-octyl phthalate	14.49	149	1354515	47.19	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	976026	50.47	ng		99
87) Benzo(b)fluoranthene	14.90	252	1277669m	50.98	ng		
88) Benzo(k)fluoranthene	14.92	252	836302m	39.13	ng		
89) Benzo(a)pyrene	15.23	252	1019233	45.82	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	814693	44.56	ng		96
91) Benzo(g,h,i)perylene	17.01	276	788297	41.46	ng	#	95

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

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