Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
Data File : BF084353.D
Acq On : 10 Jan 2016 9:45
Operator : SJ/UM
Sample : H1043-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1S(0-10)MS

Quant Time: Jan 11 03:40:32 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	6.85	152	238800	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1024813	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	488810	20.00	ng		-0.05
63) Phenanthrene-d10	11.38	188	928952	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	669724	20.00	ng		-0.05
86) Perylene-d12	15.45	264	553805	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1982303	134.27	ng		-0.01
7) Phenol-d6	6.51	99	2649329	142.88	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1693293	91.96	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	628876	127.43	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	2743633	99.84	ng		-0.03
78) Terphenyl-d14	12.97	244	2433969	81.12	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	275014	39.32	ng	#	74
3) Pyridine	3.23	79	830265	42.58	ng	#	65
4) n-Nitrosodimethylamine	3.20	42	461492	46.11	ng	#	77
6) Aniline	6.52	93	644647	23.77	ng	#	33
8) 2-Chlorophenol	6.65	128	781188	46.64	ng		86
9) Benzaldehyde	6.40	77	215014	17.81	ng		93
10) Phenol	6.53	94	883108	41.89	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	828683	50.74	ng		87
12) 1,3-Dichlorobenzene	6.80	146	795461	46.04	ng	#	94
13) 1,4-Dichlorobenzene	6.88	146	856490	49.43	ng		95
14) 1,2-Dichlorobenzene	7.02	146	715276	43.10	ng		95
15) Benzyl Alcohol	7.01	79	760358	48.75	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1268708	42.66	ng		96
17) 2-Methylphenol	7.13	107	646288	46.04	ng	#	90
18) Hexachloroethane	7.37	117	311205	44.91	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	597216	47.58	ng	#	83
20) 3+4-Methylphenols	7.29	107	863593	52.34	ng		89
22) Acetophenone	7.28	105	1181228	47.93	ng	#	95
24) Nitrobenzene	7.45	77	942284	50.45	ng		98
25) Isophorone	7.69	82	1644987	46.71	ng		99
26) 2-Nitrophenol	7.77	139	450600	53.01	ng		89
27) 2,4-Dimethylphenol	7.81	122	816928	47.48	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	1038552	48.28	ng	#	96
29) 2,4-Dichlorophenol	8.01	162	651834	45.48	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	725839	49.06	ng		96
31) Naphthalene	8.17	128	2198048	47.27	ng		98
32) Benzoic acid	7.90	122	98666	14.00	ng		93
33) 4-Chloroaniline	8.21	127	300758	14.11	ng		97
34) Hexachlorobutadiene	8.28	225	386153	45.40	ng		98
35) Caprolactam	8.60	113	243508m	50.40	ng		
36) 4-Chloro-3-methylphenol	8.72	107	813285	50.66	ng		95
37) 2-Methylnaphthalene	8.86	142	1555757	46.61	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	631691	44.95	ng		97
40) Hexachlorocyclopentadiene	9.01	237	625898	73.78	ng		98

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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)
42) 2,4,6-Trichlorophenol	9.14	196	455764	43.35	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	496200	49.23	ng	#	92
45) 1,1'-Biphenyl	9.32	154	1633676	42.05	ng		99
46) 2-Chloronaphthalene	9.34	162	1332784	43.68	ng		96
47) 2-Nitroaniline	9.45	65	510089	50.65	ng		96
48) Acenaphthylene	9.77	152	2280702	50.59	ng		96
49) Dimethylphthalate	9.63	163	2000582	57.25	ng	#	89
50) 2,6-Dinitrotoluene	9.69	165	371364	48.45	ng	#	39
51) Acenaphthene	9.94	154	1616290	53.45	ng		98
52) 3-Nitroaniline	9.86	138	284541	29.96	ng		97
53) 2,4-Dinitrophenol	9.96	184	209274	64.81	ng	#	74
54) Dibenzofuran	10.11	168	1985419	51.09	ng		92
55) 4-Nitrophenol	10.04	139	515813	74.82	ng	#	75
56) 2,4-Dinitrotoluene	10.10	165	570020	58.76	ng	#	85
57) Fluorene	10.45	166	1614631	53.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	400401	46.53	ng		91
59) Diethylphthalate	10.33	149	1649918	47.89	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	652820	52.38	ng		93
61) 4-Nitroaniline	10.48	138	428189	50.58	ng		96
62) Azobenzene	10.60	77	1832208	48.48	ng		90
64) 4,6-Dinitro-2-methylphenol	10.50	198	221700	39.07	ng	#	60
65) n-Nitrosodiphenylamine	10.57	169	1431135	48.18	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	476278	47.63	ng	#	86
67) Hexachlorobenzene	10.99	284	505971	44.96	ng	#	74
68) Atrazine	11.09	200	424804	43.71	ng		98
69) Pentachlorophenol	11.20	266	514447	88.16	ng		98
70) Phenanthrene	11.41	178	2412700	49.65	ng		95
71) Anthracene	11.46	178	2106633	44.23	ng		97
72) Carbazole	11.62	167	1985901	42.65	ng		97
73) Di-n-butylphthalate	11.95	149	2353269	48.49	ng	#	95
74) Fluoranthene	12.59	202	2365611	46.60	ng		98
76) Benzidine	12.72	184	468868	19.53	ng		98
77) Pyrene	12.82	202	2401081	45.69	ng		98
79) Butylbenzylphthalate	13.45	149	1146165	50.40	ng		94
80) Benzo(a)anthracene	14.01	228	1774876	45.13	ng		97
81) 3,3'-Dichlorobenzidine	13.97	252	412721	30.07	ng	#	93
82) Chrysene	14.05	228	1906569	50.45	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1397722	48.65	ng	#	97
84) Di-n-octyl phthalate	14.61	149	2378517	49.03	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1445445	48.26	ng		100
87) Benzo(b)fluoranthene	15.04	252	2007030m	55.40	ng		
88) Benzo(k)fluoranthene	15.07	252	1124995m	37.97	ng		
89) Benzo(a)pyrene	15.39	252	1442111	46.93	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	1185114	44.82	ng		97
91) Benzo(g,h,i)perylene	17.27	276	1206228	44.05	ng		99

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

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