Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081394.D
Acq On : 4 Sep 2015 00:27
Operator : UM/IZ
Sample : G3511-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(7-8.5)MS

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:51:18 PM

Quant Time: Sep 04 03:54:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	56664	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	213926	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	104870	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	208537	20.00	ng		0.00
75) Chrysene-d12	13.47	240	174590	20.00	ng		0.00
86) Perylene-d12	14.78	264	104807	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	343624	94.09	ng		0.01
7) Phenol-d6	6.04	99	481485	99.60	ng		0.00
23) Nitrobenzene-d5	6.95	82	290487	65.51	ng		0.00
41) 2,4,6-Tribromophenol	10.18	330	79205	84.82	ng		-0.01
44) 2-Fluorobiphenyl	8.74	172	443341	54.18	ng		-0.01
78) Terphenyl-d14	12.45	244	390089	52.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	41586	25.35	ng	#	92
3) Pyridine	2.28	79	116880	25.84	ng		90
4) n-Nitrosodimethylamine	2.24	42	66345	26.40	ng	#	76
6) Aniline	6.03	93	121361	17.78	ng	#	73
8) 2-Chlorophenol	6.16	128	115886	28.80	ng		96
9) Benzaldehyde	5.91	77	15333	5.06	ng	#	80
10) Phenol	6.06	94	176209	31.43	ng		68
11) bis(2-Chloroethyl)ether	6.12	93	134601	33.28	ng		96
12) 1,3-Dichlorobenzene	6.31	146	119334	27.75	ng	#	94
13) 1,4-Dichlorobenzene	6.39	146	123448	28.20	ng	#	92
14) 1,2-Dichlorobenzene	6.54	146	112111m	28.44	ng		
15) Benzyl Alcohol	6.54	79	118127	29.79	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	6.67	45	236405	30.49	ng	#	43
17) 2-Methylphenol	6.67	107	90465	28.17	ng	#	75
18) Hexachloroethane	6.88	117	47213	27.72	ng		90
19) n-Nitroso-di-n-propylamine	6.81	70	98535	29.95	ng	#	85
20) 3+4-Methylphenols	6.82	107	130814	30.21	ng		85
22) Acetophenone	6.80	105	184033	31.50	ng	#	81
24) Nitrobenzene	6.97	77	136615	29.67	ng	#	78
25) Isophorone	7.21	82	242957	29.46	ng	#	83
26) 2-Nitrophenol	7.29	139	58635	29.22	ng	#	71
27) 2,4-Dimethylphenol	7.35	122	92883	26.80	ng	#	74
28) bis(2-Chloroethoxy)methane	7.44	93	156709	32.90	ng	#	91
29) 2,4-Dichlorophenol	7.54	162	92323	30.71	ng		98
30) 1,2,4-Trichlorobenzene	7.61	180	100939	30.91	ng		100
31) Naphthalene	7.68	128	344696	30.21	ng		98
33) 4-Chloroaniline	7.75	127	89963	19.33	ng	#	88
34) Hexachlorobutadiene	7.80	225	56856	28.61	ng		100
35) Caprolactam	8.11	113	28439m	30.85	ng		
36) 4-Chloro-3-methylphenol	8.25	107	107421	31.93	ng	#	69
37) 2-Methylnaphthalene	8.38	142	229115	30.86	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	88240	26.61	ng	#	97
40) Hexachlorocyclopentadiene	8.52	237	80403	49.40	ng		95
42) 2,4,6-Trichlorophenol	8.66	196	66824	29.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.71	196	69899	29.93	ng	#	85
45) 1,1'-Biphenyl	8.84	154	258530	26.80	ng		95
46) 2-Chloronaphthalene	8.86	162	205824	29.54	ng	#	91
47) 2-Nitroaniline	8.96	65	77919	27.44	ng	#	50
48) Acenaphthylene	9.27	152	322948	26.13	ng		97
49) Dimethylphthalate	9.15	163	327375	40.18	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	47583	25.73	ng	#	23
51) Acenaphthene	9.44	154	195758	27.84	ng		92
52) 3-Nitroaniline	9.37	138	44161	20.98	ng	#	37
53) 2,4-Dinitrophenol	9.48	184	11600	14.89	ng	#	13
54) Dibenzofuran	9.61	168	284736	27.73	ng		93
55) 4-Nitrophenol	9.56	139	65965m	49.87	ng		
56) 2,4-Dinitrotoluene	9.61	165	71798	30.49	ng	#	54
57) Fluorene	9.94	166	225828	28.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.74	232	57044	32.00	ng		97
59) Diethylphthalate	9.85	149	254107	29.65	ng		96
60) 4-Chlorophenyl-phenylether	9.95	204	107242	29.53	ng		96
61) 4-Nitroaniline	9.99	138	58972	27.73	ng	#	59
62) Azobenzene	10.10	77	272371	28.58	ng		83
64) 4,6-Dinitro-2-methylphenol	10.01	198	24104	20.67	ng	#	52
65) n-Nitrosodiphenylamine	10.07	169	189878	25.02	ng		92
66) 4-Bromophenyl-phenylether	10.43	248	60060	28.48	ng		91
67) Hexachlorobenzene	10.48	284	58611	26.59	ng	#	56
68) Atrazine	10.60	200	55694	25.36	ng		81
69) Pentachlorophenol	10.68	266	53736	53.34	ng		100
70) Phenanthrene	10.89	178	328906	28.37	ng		97
71) Anthracene	10.94	178	307045	25.78	ng		99
72) Carbazole	11.11	167	344760	30.85	ng		98
73) Di-n-butylphthalate	11.46	149	392863	29.77	ng	#	98
74) Fluoranthene	12.06	202	329055	26.22	ng		92
76) Benzidine	12.21	184	87247	11.64	ng		97
77) Pyrene	12.29	202	383368	29.64	ng		99
79) Butylbenzylphthalate	12.94	149	163216	29.02	ng		91
80) Benzo(a)anthracene	13.46	228	296120	26.63	ng		96
81) 3,3'-Dichlorobenzidine	13.44	252	60939	16.25	ng	#	96
82) Chrysene	13.50	228	239318	24.01	ng		95
83) Bis(2-ethylhexyl)phthalate	13.50	149	199660	26.90	ng	#	90
84) Di-n-octyl phthalate	14.10	149	298301	24.41	ng		99
85) Indeno(1,2,3-cd)pyrene	15.85	276	170386	23.30	ng	#	87
87) Benzo(b)fluoranthene	14.46	252	277741m	37.12	ng		
88) Benzo(k)fluoranthene	14.48	252	134263m	21.63	ng		
89) Benzo(a)pyrene	14.73	252	189638	29.91	ng	#	85
90) Dibenzo(a,h)anthracene	15.86	278	143937	29.38	ng	#	84
91) Benzo(g,h,i)perylene	16.17	276	145470	31.11	ng	#	76

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

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