Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091015.D
Acq On : 4 Nov 2016 9:53
Operator : UM/SJ
Sample : PB94512BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94512BS

Manual Integrations APPROVED
sohil
11/7/2016 4:39:11 PM

Quant Time: Nov 04 11:45:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	184445	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	758293	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	388808	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	653824	20.00	ng		0.00
75) Chrysene-d12	13.86	240	560950	20.00	ng		0.00
86) Perylene-d12	15.24	264	448512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1408054	126.08	ng		0.02
7) Phenol-d6	6.36	99	1752202	115.59	ng		0.01
23) Nitrobenzene-d5	7.28	82	1156414	83.19	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	518994	147.65	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	1906206	84.41	ng		0.00
78) Terphenyl-d14	12.81	244	1992147	88.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	190690	29.85	ng		97
3) Pyridine	2.97	79	491202	32.87	ng		96
4) n-Nitrosodimethylamine	2.93	42	225324	38.12	ng		87
6) Aniline	6.37	93	455318	25.47	ng	#	17
8) 2-Chlorophenol	6.49	128	526415	39.52	ng		100
9) Benzaldehyde	6.25	77	63135	7.50	ng		99
10) Phenol	6.37	94	750147	44.71	ng	#	66
11) bis(2-Chloroethyl)ether	6.45	93	568967	40.25	ng	#	84
12) 1,3-Dichlorobenzene	6.65	146	541725	40.21	ng		98
13) 1,4-Dichlorobenzene	6.72	146	561320m	38.83	ng		
14) 1,2-Dichlorobenzene	6.88	146	546747	41.21	ng		97
15) Benzyl Alcohol	6.85	79	404336	37.82	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	652926	32.25	ng		91
17) 2-Methylphenol	6.98	107	432622	41.02	ng		99
18) Hexachloroethane	7.22	117	227367	40.64	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	426688	40.62	ng		98
20) 3+4-Methylphenols	7.14	107	583282	46.06	ng		99
22) Acetophenone	7.13	105	769770	44.09	ng	#	99
24) Nitrobenzene	7.30	77	642274	41.84	ng		93
25) Isophorone	7.54	82	1105717	41.28	ng		98
26) 2-Nitrophenol	7.61	139	278981	42.94	ng		91
27) 2,4-Dimethylphenol	7.66	122	536270	49.91	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	746114	50.99	ng		99
29) 2,4-Dichlorophenol	7.86	162	442243	47.16	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	477973	45.33	ng		99
31) Naphthalene	8.02	128	1516778	41.83	ng		99
32) Benzoic acid	7.81	122	277822	34.71	ng		97
33) 4-Chloroaniline	8.08	127	276065	18.30	ng		99
34) Hexachlorobutadiene	8.13	225	255041	44.82	ng		99
35) Caprolactam	8.45	113	163450m	55.48	ng		
36) 4-Chloro-3-methylphenol	8.57	107	499956	44.04	ng		93
37) 2-Methylnaphthalene	8.70	142	1009863	43.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	489356	49.36	ng		99
40) Hexachlorocyclopentadiene	8.86	237	445589	112.81	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	297303	46.46	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	302760	45.06	ng	#	88
45) 1,1'-Biphenyl	9.17	154	1213465	42.74	ng		98
46) 2-Chloronaphthalene	9.20	162	962686	44.66	ng		99
47) 2-Nitroaniline	9.30	65	315335	39.42	ng		92
48) Acenaphthylene	9.61	152	1368776	40.75	ng		100
49) Dimethylphthalate	9.48	163	1047604	41.09	ng		100
50) 2,6-Dinitrotoluene	9.54	165	229539	42.01	ng		89
51) Acenaphthene	9.78	154	858507	40.71	ng		99
52) 3-Nitroaniline	9.71	138	162371	25.06	ng		91
53) 2,4-Dinitrophenol	9.82	184	276021	91.75	ng		96
54) Dibenzofuran	9.95	168	1252755	44.13	ng		99
55) 4-Nitrophenol	9.89	139	374011	86.20	ng	#	81
56) 2,4-Dinitrotoluene	9.95	165	358088	51.51	ng		94
57) Fluorene	10.29	166	994376	42.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	271070	51.50	ng		97
59) Diethylphthalate	10.18	149	1117104	42.74	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	515996	48.86	ng		98
61) 4-Nitroaniline	10.33	138	258045	39.37	ng		98
62) Azobenzene	10.45	77	1257828	40.88	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	176958	44.20	ng		95
65) n-Nitrosodiphenylamine	10.41	169	881471	42.42	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	285821	42.03	ng		95
67) Hexachlorobenzene	10.84	284	345111	46.01	ng		97
68) Atrazine	10.94	200	300339	50.10	ng		98
69) Pentachlorophenol	11.04	266	337446	101.58	ng		98
70) Phenanthrene	11.25	178	1552473	44.67	ng		100
71) Anthracene	11.30	178	1521533	41.18	ng		99
72) Carbazole	11.46	167	1299648	39.03	ng		99
73) Di-n-butylphthalate	11.80	149	1867589	44.59	ng		100
74) Fluoranthene	12.43	202	1441435	39.99	ng		97
76) Benzidine	12.57	184	537896	42.92	ng		98
77) Pyrene	12.66	202	1431635	38.97	ng		100
79) Butylbenzylphthalate	13.29	149	720495	41.00	ng		96
80) Benzo(a)anthracene	13.85	228	1377088	43.24	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	266420	23.81	ng	#	95
82) Chrysene	13.88	228	1324634	42.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	974370	40.97	ng		99
84) Di-n-octyl phthalate	14.47	149	1692933	43.30	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	1148053	44.06	ng		98
87) Benzo(b)fluoranthene	14.87	252	1398776m	45.98	ng		
88) Benzo(k)fluoranthene	14.89	252	1071924m	40.17	ng		
89) Benzo(a)pyrene	15.20	252	1201504	45.37	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	975233	42.60	ng		99
91) Benzo(g,h,i)perylene	16.96	276	943763	45.59	ng		98

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

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