Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083690.D
Acq On : 10 Dec 2015 22:01
Operator : UM/IZ
Sample : G4617-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04MS

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:01:41 PM

Quant Time: Dec 17 11:30:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	152994	20.00	ng		-0.09
21) Naphthalene-d8	7.50	136	586517	20.00	ng		-0.10
38) Acenaphthene-d10	10.29	164	292497	20.00	ng		-0.09
63) Phenanthrene-d10	12.69	188	536489	20.00	ng		-0.09
75) Chrysene-d12	16.91	240	388011	20.00	ng		-0.08
86) Perylene-d12	18.57	264	311674	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	3.92	112	1451901	143.94	ng		-0.06
7) Phenol-d6	5.20	99	1831803	135.91	ng		-0.08
23) Nitrobenzene-d5	6.44	82	1219972	97.06	ng		-0.09
41) 2,4,6-Tribromophenol	11.60	330	364943	140.05	ng		-0.09
44) 2-Fluorobiphenyl	9.25	172	1798014	86.52	ng		-0.09
78) Terphenyl-d14	15.31	244	1542190	93.52	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	190720	38.27	ng	#	87
3) Pyridine	2.22	79	558501	46.13	ng		99
4) n-Nitrosodimethylamine	2.20	42	305363	47.90	ng		94
6) Aniline	5.18	93	251141	15.12	ng	#	80
8) 2-Chlorophenol	5.33	128	528398	47.90	ng		100
9) Benzaldehyde	5.04	77	190239	23.25	ng		98
10) Phenol	5.21	94	791118	48.46	ng		89
11) bis(2-Chloroethyl)ether	5.28	93	559259	46.56	ng		96
12) 1,3-Dichlorobenzene	5.53	146	567479	46.16	ng		98
13) 1,4-Dichlorobenzene	5.63	146	573177	45.44	ng		99
14) 1,2-Dichlorobenzene	5.85	146	546670	46.70	ng		98
15) Benzyl Alcohol	5.87	79	547729	57.12	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.04	45	1019633	45.91	ng	#	62
17) 2-Methylphenol	6.06	107	455712	50.77	ng	#	90
18) Hexachloroethane	6.32	117	195167	43.82	ng		90
19) n-Nitroso-di-n-propylamine	6.26	70	468144	49.76	ng		99
20) 3+4-Methylphenols	6.30	107	583533	49.37	ng		98
22) Acetophenone	6.24	105	756789	46.00	ng	#	99
24) Nitrobenzene	6.48	77	636184	45.79	ng		95
25) Isophorone	6.84	82	1159237	47.52	ng		99
26) 2-Nitrophenol	6.96	139	282217	51.16	ng		93
27) 2,4-Dimethylphenol	7.08	122	437851	45.37	ng		95
28) bis(2-Chloroethoxy)methane	7.20	93	698406	51.56	ng		99
29) 2,4-Dichlorophenol	7.37	162	463258	52.79	ng		99
30) 1,2,4-Trichlorobenzene	7.44	180	447983	46.21	ng		99
31) Naphthalene	7.54	128	1491766	48.02	ng		99
32) Benzoic acid	7.44	122	11399	4.76	ng	#	68
33) 4-Chloroaniline	7.72	127	120131	10.61	ng		95
34) Hexachlorobutadiene	7.74	225	257096	45.39	ng		98
35) Caprolactam	8.30	113	145653m	55.30	ng		
36) 4-Chloro-3-methylphenol	8.54	107	484237	49.11	ng		96
37) 2-Methylnaphthalene	8.64	142	966929	49.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	433221	45.12	ng	#	100
40) Hexachlorocyclopentadiene	8.89	237	67930	46.55	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	281721	49.30	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	271122	47.93	ng	#	88
45) 1,1'-Biphenyl	9.40	154	1108001	43.58	ng		100
46) 2-Chloronaphthalene	9.41	162	880217	45.86	ng		96
47) 2-Nitroaniline	9.64	65	361684	52.25	ng		88
48) Acenaphthylene	10.06	152	1383115	43.70	ng		100
49) Dimethylphthalate	9.96	163	1485592	63.81	ng		99
50) 2,6-Dinitrotoluene	10.05	165	232837	48.44	ng	#	89
51) Acenaphthene	10.35	154	820330	45.27	ng		99
52) 3-Nitroaniline	10.33	138	111787	21.88	ng		88
53) 2,4-Dinitrophenol	10.58	184	38007	20.46	ng		94
54) Dibenzofuran	10.64	168	1247937	49.66	ng		97
55) 4-Nitrophenol	10.74	139	232844	103.52	ng		86
56) 2,4-Dinitrotoluene	10.72	165	323828	50.79	ng	#	78
57) Fluorene	11.18	166	977592	44.58	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.89	232	254883	55.77	ng	#	100
59) Diethylphthalate	11.10	149	1029993	45.50	ng		97
60) 4-Chlorophenyl-phenylether	11.21	204	457181	43.79	ng		99
61) 4-Nitroaniline	11.33	138	216967	46.74	ng		96
62) Azobenzene	11.47	77	1288838	51.73	ng		99
64) 4,6-Dinitro-2-methylphenol	11.39	198	141787	39.16	ng		82
65) n-Nitrosodiphenylamine	11.42	169	848862	47.94	ng		98
66) 4-Bromophenyl-phenylether	12.00	248	262618	43.89	ng		97
67) Hexachlorobenzene	12.08	284	285086	44.91	ng	#	90
68) Atrazine	12.35	200	272077	51.65	ng		99
69) Pentachlorophenol	12.44	266	173351	98.02	ng		100
70) Phenanthrene	12.73	178	1401228	45.46	ng		99
71) Anthracene	12.82	178	1445276	45.26	ng		100
72) Carbazole	13.12	167	1325415	48.40	ng		98
73) Di-n-butylphthalate	13.73	149	1554387	45.14	ng		99
74) Fluoranthene	14.66	202	1383534	43.88	ng		98
76) Benzidine	14.95	184	277920	23.03	ng		97
77) Pyrene	15.01	202	1411007	50.51	ng		99
79) Butylbenzylphthalate	16.15	149	633846	51.12	ng		94
80) Benzo(a)anthracene	16.90	228	1033158	45.49	ng		100
81) 3,3'-Dichlorobenzidine	16.89	252	164095	21.39	ng		98
82) Chrysene	16.95	228	1026103	45.07	ng		99
83) Bis(2-ethylhexyl)phthalate	17.01	149	863778	50.19	ng		99
84) Di-n-octyl phthalate	17.78	149	1288035	48.98	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.76	276	879035	57.20	ng	#	100
87) Benzo(b)fluoranthene	18.18	252	984725m	55.48	ng		
88) Benzo(k)fluoranthene	18.21	252	663891m	33.95	ng		
89) Benzo(a)pyrene	18.51	252	763758	44.10	ng	#	96
90) Dibenzo(a,h)anthracene	19.76	278	753386	56.90	ng		99
91) Benzo(g,h,i)perylene	20.11	276	744406	57.66	ng		96

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

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