Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080823.D
Acq On : 4 Aug 2015 2:40
Operator : TP
Sample : PB84720BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 04 15:18:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 14:50:50 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Manual Integrations APPROVED
MMDadoda
8/5/2015 2:28:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	146859	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	557878	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	270799	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	405611	20.00	ng		0.00
75) Chrysene-d12	13.99	240	245533	20.00	ng		0.00
86) Perylene-d12	15.39	264	237093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	916986	103.66	ng		0.00
7) Phenol-d6	6.46	99	1265041	106.36	ng		0.00
23) Nitrobenzene-d5	7.40	82	898605	79.10	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	323758	124.29	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1451712	80.65	ng		0.00
78) Terphenyl-d14	12.93	244	1085390	88.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	115029	25.38	ng		99
3) Pyridine	3.22	79	361383	30.28	ng		98
4) n-Nitrosodimethylamine	3.16	42	228002	34.39	ng		97
6) Aniline	6.50	93	578483	34.01	ng		98
8) 2-Chlorophenol	6.61	128	364058	37.37	ng	#	68
9) Benzaldehyde	6.37	77	67031	7.38	ng		83
10) Phenol	6.48	94	463245	33.47	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	379149	38.12	ng		84
12) 1,3-Dichlorobenzene	6.77	146	395199	36.11	ng		98
13) 1,4-Dichlorobenzene	6.85	146	422167	38.69	ng		98
14) 1,2-Dichlorobenzene	7.00	146	356809m	35.31	ng		
15) Benzyl Alcohol	6.98	79	267117	32.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	737773	37.51	ng		98
17) 2-Methylphenol	7.09	107	328486	38.21	ng		99
18) Hexachloroethane	7.34	117	142229	35.37	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	299466	38.97	ng		96
20) 3+4-Methylphenols	7.24	107	380086	38.05	ng		98
22) Acetophenone	7.24	105	492069	36.18	ng	#	77
24) Nitrobenzene	7.41	77	391993	33.96	ng	#	84
25) Isophorone	7.65	82	716071	35.28	ng		95
26) 2-Nitrophenol	7.73	139	187400	37.98	ng		94
27) 2,4-Dimethylphenol	7.78	122	362462	38.56	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	458927	37.46	ng		99
29) 2,4-Dichlorophenol	7.97	162	320356	40.60	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	321656	37.47	ng		97
31) Naphthalene	8.14	128	1027336	37.44	ng		99
32) Benzoic acid	7.88	122	201217	35.41	ng		93
33) 4-Chloroaniline	8.19	127	408536	35.34	ng		97
34) Hexachlorobutadiene	8.26	225	190687	36.19	ng		99
35) Caprolactam	8.54	113	88012	40.15	ng	#	55
36) 4-Chloro-3-methylphenol	8.67	107	366615	43.28	ng		99
37) 2-Methylnaphthalene	8.83	142	732897	42.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	301485	34.95	ng		99
40) Hexachlorocyclopentadiene	8.99	237	439489	83.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	218492	35.77	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	260603	43.50	ng	#	86
45) 1,1'-Biphenyl	9.30	154	838530	40.91	ng		98
46) 2-Chloronaphthalene	9.32	162	654856	38.61	ng		97
47) 2-Nitroaniline	9.41	65	274341	43.71	ng		95
48) Acenaphthylene	9.73	152	1088723	40.99	ng		99
49) Dimethylphthalate	9.60	163	736286	40.78	ng		100
50) 2,6-Dinitrotoluene	9.65	165	155628	39.76	ng		96
51) Acenaphthene	9.90	154	751186	46.88	ng		98
52) 3-Nitroaniline	9.82	138	164657	35.92	ng		90
53) 2,4-Dinitrophenol	9.93	184	202007	94.74	ng	#	81
54) Dibenzofuran	10.08	168	907461	42.95	ng		100
55) 4-Nitrophenol	9.98	139	267796	83.26	ng	#	79
56) 2,4-Dinitrotoluene	10.05	165	192898	39.13	ng		97
57) Fluorene	10.42	166	713252	43.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	200090	46.63	ng		94
59) Diethylphthalate	10.29	149	673997	38.86	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	304126	37.49	ng		98
61) 4-Nitroaniline	10.43	138	150073	36.01	ng		96
62) Azobenzene	10.57	77	822624	40.97	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	121496	46.15	ng		97
65) n-Nitrosodiphenylamine	10.53	169	642478	45.42	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	198164	44.54	ng		96
67) Hexachlorobenzene	10.97	284	231536	46.11	ng		97
68) Atrazine	11.06	200	164627	50.77	ng		98
69) Pentachlorophenol	11.15	266	245420	90.86	ng		93
70) Phenanthrene	11.38	178	931635	44.13	ng		98
71) Anthracene	11.42	178	922928	44.08	ng		99
72) Carbazole	11.58	167	777660	43.42	ng		98
73) Di-n-butylphthalate	11.92	149	962121	44.38	ng		99
74) Fluoranthene	12.56	202	884657	44.14	ng		98
76) Benzidine	12.68	184	428916	59.23	ng		98
77) Pyrene	12.78	202	925211	50.78	ng		98
79) Butylbenzylphthalate	13.41	149	358825	50.17	ng		95
80) Benzo(a)anthracene	13.97	228	660395	47.46	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	209796	42.37	ng		97
82) Chrysene	14.01	228	673616	49.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	451729	51.20	ng		100
84) Di-n-octyl phthalate	14.58	149	703660	50.44	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	684125	54.98	ng		100
87) Benzo(b)fluoranthene	14.99	252	589780m	42.46	ng		
88) Benzo(k)fluoranthene	15.01	252	516487m	42.60	ng		
89) Benzo(a)pyrene	15.33	252	540889	45.63	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	569380	49.51	ng		99
91) Benzo(g,h,i)perylene	17.17	276	600064	49.92	ng	#	95

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

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