Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080829.D
Acq On : 4 Aug 2015 7:41
Operator : TP
Sample : PB84659BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 04 18:48:28 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 :
PB84659BS

Manual Integrations APPROVED
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8/5/2015 2:29:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	204405	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	809446	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	408950	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	702604	20.00	ng		0.00
75) Chrysene-d12	13.99	240	393740	20.00	ng		0.00
86) Perylene-d12	15.39	264	333177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1215453	98.72	ng		0.01
7) Phenol-d6	6.46	99	1832261	110.68	ng		0.00
23) Nitrobenzene-d5	7.40	82	1227643	74.48	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	408726	103.90	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1854681	68.23	ng		0.00
78) Terphenyl-d14	12.93	244	1431481	72.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	182408	28.92	ng		96
3) Pyridine	3.29	79	513325	30.90	ng		98
4) n-Nitrosodimethylamine	3.24	42	321437	34.84	ng		100
6) Aniline	6.50	93	543396	22.96	ng		99
8) 2-Chlorophenol	6.62	128	524655	38.70	ng		97
9) Benzaldehyde	6.37	77	46560	2.97	ng		84
10) Phenol	6.49	94	628471	32.62	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	559655	40.42	ng		98
12) 1,3-Dichlorobenzene	6.77	146	546132	35.85	ng		98
13) 1,4-Dichlorobenzene	6.85	146	580887	38.25	ng		98
14) 1,2-Dichlorobenzene	7.00	146	493117m	35.06	ng		
15) Benzyl Alcohol	6.98	79	420860	37.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1058892	38.68	ng		99
17) 2-Methylphenol	7.09	107	479423	40.07	ng		98
18) Hexachloroethane	7.34	117	205739	36.76	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	401698	37.56	ng		97
20) 3+4-Methylphenols	7.24	107	517593	37.23	ng		95
22) Acetophenone	7.24	105	719816	36.48	ng	#	80
24) Nitrobenzene	7.41	77	560663	33.48	ng	#	84
25) Isophorone	7.65	82	1102805	37.44	ng		94
26) 2-Nitrophenol	7.73	139	278319	38.87	ng		94
27) 2,4-Dimethylphenol	7.78	122	553973	40.62	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	670463	37.72	ng		100
29) 2,4-Dichlorophenol	7.97	162	425266	37.15	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	452458	36.33	ng		98
31) Naphthalene	8.13	128	1450934	36.44	ng		99
32) Benzoic acid	7.89	122	319593	38.76	ng		97
33) 4-Chloroaniline	8.19	127	266192	15.87	ng		94
34) Hexachlorobutadiene	8.26	225	281901	36.88	ng		98
35) Caprolactam	8.56	113	136818m	43.01	ng		
36) 4-Chloro-3-methylphenol	8.67	107	491116	39.96	ng		99
37) 2-Methylnaphthalene	8.83	142	980674	39.29	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	425332	32.65	ng		98
40) Hexachlorocyclopentadiene	8.99	237	565025	71.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	306875	33.27	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	332046	36.70	ng	#	91
45) 1,1'-Biphenyl	9.30	154	1153494	37.27	ng		100
46) 2-Chloronaphthalene	9.32	162	920409	35.93	ng		99
47) 2-Nitroaniline	9.41	65	381981	40.30	ng		98
48) Acenaphthylene	9.73	152	1444231	36.01	ng		100
49) Dimethylphthalate	9.60	163	967157	35.47	ng		100
50) 2,6-Dinitrotoluene	9.65	165	209685	35.47	ng		93
51) Acenaphthene	9.90	154	997573	41.23	ng		98
52) 3-Nitroaniline	9.82	138	150102	21.68	ng		88
53) 2,4-Dinitrophenol	9.93	184	249791	77.57	ng	#	67
54) Dibenzofuran	10.08	168	1186924	37.20	ng		98
55) 4-Nitrophenol	9.98	139	346318	71.30	ng		96
56) 2,4-Dinitrotoluene	10.05	165	290495	39.02	ng		90
57) Fluorene	10.42	166	945735	38.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	249950	38.57	ng		98
59) Diethylphthalate	10.30	149	1024315	39.10	ng		94
60) 4-Chlorophenyl-phenylether	10.41	204	406874	33.21	ng		100
61) 4-Nitroaniline	10.44	138	225761	35.88	ng		81
62) Azobenzene	10.57	77	1140225	37.60	ng		99
64) 4,6-Dinitro-2-methylphenol	10.46	198	180653	39.62	ng		77
65) n-Nitrosodiphenylamine	10.53	169	904515	36.92	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	267176	34.67	ng		98
67) Hexachlorobenzene	10.97	284	330091	37.95	ng		98
68) Atrazine	11.06	200	239878	42.71	ng		97
69) Pentachlorophenol	11.16	266	374934	80.14	ng		97
70) Phenanthrene	11.38	178	1369570	37.46	ng		100
71) Anthracene	11.42	178	1189092	32.79	ng		99
72) Carbazole	11.58	167	1157318	37.31	ng		99
73) Di-n-butylphthalate	11.92	149	1373411	36.57	ng		100
74) Fluoranthene	12.56	202	1179210	33.97	ng		99
76) Benzidine	12.68	184	329800	28.40	ng		98
77) Pyrene	12.79	202	1237355	42.35	ng		99
79) Butylbenzylphthalate	13.41	149	530465	46.25	ng		96
80) Benzo(a)anthracene	13.97	228	858130	38.46	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	215520	27.14	ng		98
82) Chrysene	14.01	228	879168	40.29	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	632346	44.69	ng		99
84) Di-n-octyl phthalate	14.58	149	926511	41.41	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	876572	43.93	ng		99
87) Benzo(b)fluoranthene	14.99	252	734601m	37.64	ng		
88) Benzo(k)fluoranthene	15.01	252	640077m	37.57	ng		
89) Benzo(a)pyrene	15.33	252	663763	39.85	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	732435	45.32	ng		99
91) Benzo(g,h,i)perylene	17.19	276	762348	45.13	ng		99

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

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