Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080897.D
Acq On : 6 Aug 2015 19:30
Operator : TP/UM
Sample : PB84873BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:15:19 AM

Quant Time: Aug 07 07:08:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	52985	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	205427	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	101789	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	200116	20.00	ng		0.00
75) Chrysene-d12	13.96	240	176357	20.00	ng		0.00
86) Perylene-d12	15.36	264	183116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	379873	114.29	ng		0.01
7) Phenol-d6	6.44	99	499527	109.18	ng		0.00
23) Nitrobenzene-d5	7.38	82	336487	77.16	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	129294	118.26	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	549559	76.95	ng		0.00
78) Terphenyl-d14	12.91	244	606302	72.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	47614	29.57	ng		98
3) Pyridine	3.09	79	148604	32.82	ng		96
4) n-Nitrosodimethylamine	3.04	42	76361	32.60	ng		95
6) Aniline	6.46	93	160986	23.72	ng		99
8) 2-Chlorophenol	6.59	128	142936	37.88	ng		98
9) Benzaldehyde	6.35	77	24292	7.71	ng		96
10) Phenol	6.45	94	193025	35.16	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	134055	34.49	ng		100
12) 1,3-Dichlorobenzene	6.75	146	146244	35.72	ng		97
13) 1,4-Dichlorobenzene	6.83	146	140931	33.81	ng		98
14) 1,2-Dichlorobenzene	6.98	146	134370	35.16	ng		99
15) Benzyl Alcohol	6.96	79	136144	37.51	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	277274	34.75	ng		99
17) 2-Methylphenol	7.07	107	128071	37.87	ng		98
18) Hexachloroethane	7.32	117	53243	33.63	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	115097	35.33	ng	#	92
20) 3+4-Methylphenols	7.22	107	142050	34.65	ng		96
22) Acetophenone	7.22	105	186675	36.34	ng		94
24) Nitrobenzene	7.39	77	151629	34.12	ng		96
25) Isophorone	7.63	82	286064	34.23	ng		94
26) 2-Nitrophenol	7.71	139	72320	38.77	ng		96
27) 2,4-Dimethylphenol	7.76	122	145060	40.54	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	173509	35.02	ng		100
29) 2,4-Dichlorophenol	7.95	162	111934	39.24	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	114623	36.24	ng		99
31) Naphthalene	8.12	128	402727	36.13	ng		100
32) Benzoic acid	7.87	122	95857	42.12	ng		95
33) 4-Chloroaniline	8.17	127	89514	19.43	ng		94
34) Hexachlorobutadiene	8.24	225	63178	35.11	ng		99
35) Caprolactam	8.53	113	42316m	39.74	ng		
36) 4-Chloro-3-methylphenol	8.65	107	134022	39.00	ng		99
37) 2-Methylnaphthalene	8.81	142	270909	39.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	107235	34.58	ng		98
40) Hexachlorocyclopentadiene	8.97	237	148003	83.19	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	78085	34.14	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	89716	38.68	ng		92
45) 1,1'-Biphenyl	9.28	154	331470	38.49	ng		98
46) 2-Chloronaphthalene	9.30	162	252939	37.57	ng		96
47) 2-Nitroaniline	9.39	65	111472	40.71	ng		95
48) Acenaphthylene	9.71	152	454383	38.48	ng		99
49) Dimethylphthalate	9.57	163	284407	35.18	ng		99
50) 2,6-Dinitrotoluene	9.63	165	60009	34.62	ng		93
51) Acenaphthene	9.88	154	304383	42.42	ng		99
52) 3-Nitroaniline	9.80	138	52157	24.34	ng		83
53) 2,4-Dinitrophenol	9.90	184	72596	76.44	ng	#	88
54) Dibenzofuran	10.05	168	380484	39.15	ng		100
55) 4-Nitrophenol	9.96	139	112782	69.73	ng	#	66
56) 2,4-Dinitrotoluene	10.03	165	86793	37.22	ng		93
57) Fluorene	10.40	166	302654	39.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	69372	37.48	ng		98
59) Diethylphthalate	10.27	149	323533	36.74	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	125262	35.15	ng		99
61) 4-Nitroaniline	10.41	138	77942	35.46	ng		79
62) Azobenzene	10.54	77	360194	37.33	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	52957	40.62	ng		96
65) n-Nitrosodiphenylamine	10.51	169	279368	39.18	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	81944	37.68	ng		95
67) Hexachlorobenzene	10.94	284	89110	37.89	ng	#	95
68) Atrazine	11.04	200	82575	40.11	ng		97
69) Pentachlorophenol	11.14	266	104462	79.25	ng		98
70) Phenanthrene	11.36	178	437997	37.40	ng		100
71) Anthracene	11.40	178	435800	37.81	ng		100
72) Carbazole	11.56	167	454228	39.02	ng		99
73) Di-n-butylphthalate	11.89	149	519896	36.63	ng		100
74) Fluoranthene	12.53	202	488504	38.15	ng		99
76) Benzidine	12.66	184	222612	30.90	ng		98
77) Pyrene	12.76	202	528815	40.34	ng		99
79) Butylbenzylphthalate	13.39	149	259816	41.44	ng		96
80) Benzo(a)anthracene	13.95	228	442873	38.44	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	104394	24.20	ng	#	94
82) Chrysene	13.99	228	455210	41.34	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	351502	40.91	ng		99
84) Di-n-octyl phthalate	14.56	149	614285	40.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	438474	40.89	ng		99
87) Benzo(b)fluoranthene	14.97	252	491743m	38.24	ng		
88) Benzo(k)fluoranthene	14.99	252	368694m	34.03	ng		
89) Benzo(a)pyrene	15.31	252	443911	40.05	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	364532	38.16	ng		99
91) Benzo(g,h,i)perylene	17.13	276	361447	39.03	ng		99

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

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