Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017287.D
Acq On : 26 May 2015 20:58
Operator : TP/IZ
Sample : PB83579BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83579BS

Manual Integrations APPROVED
apatel
5/27/2015 2:58:05 PM

Quant Time: May 27 04:06:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 03:15:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	21014	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	87792	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	54979	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	137624	20.00	ng		0.00
75) Chrysene-d12	21.25	240	160066	20.00	ng		0.00
86) Perylene-d12	23.50	264	159109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	22265	18.80	ng		0.00
7) Phenol-d6	6.87	99	30858	18.57	ng		0.00
23) Nitrobenzene-d5	8.82	82	20361	10.83	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	12783	19.23	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	43633	11.65	ng		0.00
78) Terphenyl-d14	19.70	244	84508	11.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	2819	6.03	ng	#	77
3) Pyridine	3.53	79	8183	5.79	ng		96
4) n-Nitrosodimethylamine	3.45	42	5851	5.45	ng	#	96
6) Aniline	6.99	93	8438	3.67	ng		92
8) 2-Chlorophenol	7.24	128	8008	5.65	ng		99
10) Phenol	6.89	94	10534	5.98	ng		93
11) bis(2-Chloroethyl)ether	7.09	93	7796	5.90	ng		94
12) 1,3-Dichlorobenzene	7.55	146	8706	5.50	ng		89
13) 1,4-Dichlorobenzene	7.70	146	9806m	6.14	ng		
14) 1,2-Dichlorobenzene	8.01	146	8468	5.55	ng		93
15) Benzyl Alcohol	7.91	79	8317	5.15	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.20	45	12285	5.73	ng		95
17) 2-Methylphenol	8.13	107	6662	5.21	ng		90
18) Hexachloroethane	8.73	117	3650	5.47	ng		84
19) n-Nitroso-di-n-propylamine	8.47	70	7216	4.98	ng	#	87
20) 3+4-Methylphenols	8.46	107	9015	5.08	ng		92
22) Acetophenone	8.49	105	11697	5.49	ng	#	95
24) Nitrobenzene	8.86	77	10184	5.54	ng		95
25) Isophorone	9.39	82	17299	4.99	ng		96
26) 2-Nitrophenol	9.57	139	4369	5.31	ng		91
27) 2,4-Dimethylphenol	9.65	122	7461	5.51	ng		87
28) bis(2-Chloroethoxy)methane	9.87	93	9133	5.41	ng	#	97
29) 2,4-Dichlorophenol	10.12	162	7783	6.09	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	8361	5.77	ng		87
31) Naphthalene	10.50	128	23709	5.52	ng		97
32) Benzoic acid	9.76	122	3556m	3.88	ng		
33) 4-Chloroaniline	10.63	127	8224	4.05	ng	#	91
34) Hexachlorobutadiene	10.79	225	5265	5.74	ng		96
35) Caprolactam	11.38	113	3379	5.26	ng		99
36) 4-Chloro-3-methylphenol	11.78	107	9896	6.13	ng		95
37) 2-Methylnaphthalene	12.12	142	17491	5.13	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	9573	6.15	ng		93
40) Hexachlorocyclopentadiene	12.48	237	8706	9.18	ng		95
42) 2,4,6-Trichlorophenol	12.75	196	6653	6.03	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.84	196	6851	6.03	ng	#	88
45) 1,1'-Biphenyl	13.15	154	23288	5.88	ng		93
46) 2-Chloronaphthalene	13.19	162	18367	5.86	ng		94
47) 2-Nitroaniline	13.40	65	6778	5.56	ng		93
48) Acenaphthylene	14.04	152	31762	5.91	ng		99
49) Dimethylphthalate	13.78	163	24220	5.63	ng		99
50) 2,6-Dinitrotoluene	13.90	165	5694	5.98	ng	#	82
51) Acenaphthene	14.39	154	18749	5.91	ng		93
52) 3-Nitroaniline	14.24	138	5412	5.12	ng		98
53) 2,4-Dinitrophenol	14.45	184	4104	7.42	ng	#	82
54) Dibenzofuran	14.71	168	28861	6.12	ng		96
55) 4-Nitrophenol	14.60	139	8630	10.14	ng		95
56) 2,4-Dinitrotoluene	14.69	165	8030	6.04	ng		88
57) Fluorene	15.37	166	24443	5.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.96	232	6548	6.28	ng	#	94
59) Diethylphthalate	15.15	149	25718	5.57	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	12215	5.70	ng	#	86
61) 4-Nitroaniline	15.40	138	6601	5.60	ng		88
62) Azobenzene	15.66	77	26513	6.01	ng		97
64) 4,6-Dinitro-2-methylphenol	15.46	198	3853	4.08	ng		82
65) n-Nitrosodiphenylamine	15.58	169	21287	5.04	ng		98
66) 4-Bromophenyl-phenylether	16.27	248	7940	5.29	ng		88
67) Hexachlorobenzene	16.37	284	9031	5.70	ng		92
68) Atrazine	16.54	200	9382	6.07	ng		92
69) Pentachlorophenol	16.72	266	7786	7.87	ng	#	89
70) Phenanthrene	17.11	178	39903	5.62	ng		97
71) Anthracene	17.20	178	40575	5.64	ng		97
72) Carbazole	17.48	167	39362	5.96	ng		98
73) Di-n-butylphthalate	18.04	149	51199	5.79	ng		97
74) Fluoranthene	19.13	202	51400	6.03	ng		98
76) Benzidine	19.32	184	26869	5.14	ng		97
77) Pyrene	19.49	202	54595	5.56	ng		97
79) Butylbenzylphthalate	20.40	149	23811	5.33	ng		97
80) Benzo(a)anthracene	21.24	228	52561	5.73	ng		96
81) 3,3'-Dichlorobenzidine	21.18	252	14484	4.08	ng	#	83
82) Chrysene	21.29	228	50783	5.94	ng		97
83) Bis(2-ethylhexyl)phthalate	21.17	149	32988	5.20	ng		100
84) Di-n-octyl phthalate	22.05	149	58837	5.57	ng		97
85) Indeno(1,2,3-cd)pyrene	25.78	276	55675	5.45	ng		98
87) Benzo(b)fluoranthene	22.82	252	52023	5.61	ng		97
88) Benzo(k)fluoranthene	22.86	252	49391	5.61	ng		98
89) Benzo(a)pyrene	23.40	252	47619	5.59	ng		98
90) Dibenzo(a,h)anthracene	25.80	278	45565	5.21	ng	#	89
91) Benzo(g,h,i)perylene	26.48	276	44731	5.43	ng	#	89

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

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