Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016927.D
Acq On : 7 May 2015 17:10
Operator : TP/IZ
Sample : PB83110BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83110BS

Manual Integrations APPROVED
apatel
5/8/2015 5:08:21 PM

Quant Time: May 08 03:51:14 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 02:05:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	69262	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	307407	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	205101	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	442501	20.00	ng		0.00
75) Chrysene-d12	21.36	240	430980	20.00	ng		0.00
86) Perylene-d12	23.66	264	417260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	587920	147.80	ng		0.00
7) Phenol-d6	6.97	99	822063	144.65	ng		0.01
23) Nitrobenzene-d5	8.96	82	520824	82.77	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	292123	141.88	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	1043132	76.75	ng		0.00
78) Terphenyl-d14	19.81	244	1570394	85.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	53732	32.23	ng	#	1
3) Pyridine	3.68	79	161961	31.43	ng		97
4) n-Nitrosodimethylamine	3.60	42	116538	37.88	ng		99
6) Aniline	7.13	93	236207	29.60	ng		99
8) 2-Chlorophenol	7.36	128	199598	43.31	ng		96
9) Benzaldehyde	6.94	77	62602	13.59	ng		95
10) Phenol	6.99	94	277916	45.60	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	190013	40.33	ng		97
12) 1,3-Dichlorobenzene	7.69	146	187625	36.92	ng		96
13) 1,4-Dichlorobenzene	7.83	146	192522	37.40	ng		100
14) 1,2-Dichlorobenzene	8.15	146	183181	37.08	ng		97
15) Benzyl Alcohol	8.03	79	212641	40.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.33	45	347087	39.79	ng		99
17) 2-Methylphenol	8.24	107	188061	43.82	ng		94
18) Hexachloroethane	8.87	117	79208	37.44	ng		94
19) n-Nitroso-di-n-propylamine	8.60	70	187529	37.63	ng		97
20) 3+4-Methylphenols	8.56	107	259956	43.96	ng		97
22) Acetophenone	8.62	105	301273	41.15	ng	#	94
24) Nitrobenzene	9.00	77	254505	40.05	ng		98
25) Isophorone	9.52	82	484882	38.16	ng		97
26) 2-Nitrophenol	9.71	139	110042	42.53	ng		97
27) 2,4-Dimethylphenol	9.77	122	212242	45.33	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	261144	40.72	ng		96
29) 2,4-Dichlorophenol	10.24	162	202747	45.83	ng		96
30) 1,2,4-Trichlorobenzene	10.46	180	180883	38.56	ng		91
31) Naphthalene	10.64	128	592553	38.75	ng		99
32) Benzoic acid	9.90	122	147312	51.00	ng		94
33) 4-Chloroaniline	10.75	127	159649	22.61	ng		98
34) Hexachlorobutadiene	10.93	225	106504	36.28	ng		97
35) Caprolactam	11.52	113	99457m	43.28	ng		
36) 4-Chloro-3-methylphenol	11.87	107	252711	44.61	ng		96
37) 2-Methylnaphthalene	12.25	142	459762	39.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	206469	37.24	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	276723	77.28	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	159259	40.53	ng		92
43) 2,4,5-Trichlorophenol	12.93	196	167325	40.12	ng		97
45) 1,1'-Biphenyl	13.27	154	593040	40.39	ng		96
46) 2-Chloronaphthalene	13.31	162	455574	39.17	ng		98
47) 2-Nitroaniline	13.52	65	192264	47.49	ng		97
48) Acenaphthylene	14.16	152	777918	38.41	ng		99
49) Dimethylphthalate	13.90	163	620246	40.50	ng		99
50) 2,6-Dinitrotoluene	14.02	165	139454	43.86	ng		94
51) Acenaphthene	14.50	154	459956	38.16	ng		96
52) 3-Nitroaniline	14.34	138	118263	32.69	ng		91
53) 2,4-Dinitrophenol	14.55	184	145350	99.94	ng		95
54) Dibenzofuran	14.84	168	703019	41.07	ng		96
55) 4-Nitrophenol	14.65	139	273626	89.20	ng		97
56) 2,4-Dinitrotoluene	14.80	165	200573	49.31	ng		99
57) Fluorene	15.48	166	611012	40.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	154583	42.96	ng	#	77
59) Diethylphthalate	15.27	149	651041	40.27	ng		99
60) 4-Chlorophenyl-phenylether	15.48	204	299333	39.31	ng		100
61) 4-Nitroaniline	15.51	138	169999	40.53	ng		91
62) Azobenzene	15.77	77	727753	43.46	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	102013	46.50	ng		87
65) n-Nitrosodiphenylamine	15.70	169	548318	40.59	ng		96
66) 4-Bromophenyl-phenylether	16.37	248	181363	40.83	ng		93
67) Hexachlorobenzene	16.49	284	194768	41.58	ng		93
68) Atrazine	16.65	200	207284	42.64	ng		98
69) Pentachlorophenol	16.83	266	260686	85.73	ng		96
70) Phenanthrene	17.22	178	915326	40.20	ng		98
71) Anthracene	17.31	178	944383	41.11	ng		100
72) Carbazole	17.58	167	894622	40.96	ng		99
73) Di-n-butylphthalate	18.15	149	1140539	40.28	ng		100
74) Fluoranthene	19.24	202	1031156	39.03	ng		97
76) Benzidine	19.43	184	461723	31.53	ng		98
77) Pyrene	19.60	202	1056881	41.55	ng		100
79) Butylbenzylphthalate	20.50	149	514646	42.57	ng		99
80) Benzo(a)anthracene	21.34	228	972195	42.05	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	263119	29.15	ng		99
82) Chrysene	21.40	228	910498	42.05	ng		97
83) Bis(2-ethylhexyl)phthalate	21.28	149	700748	42.37	ng		100
84) Di-n-octyl phthalate	22.18	149	1174947	42.29	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.04	276	1077045	41.74	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	988022	42.51	ng		98
88) Benzo(k)fluoranthene	23.02	252	906689	40.55	ng		98
89) Benzo(a)pyrene	23.56	252	934673	43.12	ng	#	98
90) Dibenzo(a,h)anthracene	26.05	278	911542	41.17	ng		98
91) Benzo(g,h,i)perylene	26.76	276	894373	42.42	ng		100

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

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