Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016928.D
Acq On : 7 May 2015 17:45
Operator : TP/IZ
Sample : PB83100BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83100BS

Manual Integrations APPROVED
apatel
5/8/2015 5:08:25 PM

Quant Time: May 08 03:52:24 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	65094	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	284663	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	185761	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	413973	20.00	ng		0.00
75) Chrysene-d12	21.36	240	422228	20.00	ng		0.00
86) Perylene-d12	23.66	264	406501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	536383	143.48	ng		0.00
7) Phenol-d6	6.97	99	741397	138.81	ng		0.00
23) Nitrobenzene-d5	8.96	82	469412	80.56	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	269253	144.38	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	948990	77.09	ng		0.00
78) Terphenyl-d14	19.81	244	1510417	83.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	51772	33.05	ng	#	1
3) Pyridine	3.68	79	152457	31.48	ng		97
4) n-Nitrosodimethylamine	3.60	42	109117	37.74	ng		97
6) Aniline	7.12	93	239443	31.93	ng		99
8) 2-Chlorophenol	7.36	128	183824	42.44	ng		98
9) Benzaldehyde	6.94	77	63076	14.64	ng		97
10) Phenol	6.99	94	254550	44.45	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	176922	39.95	ng		95
12) 1,3-Dichlorobenzene	7.69	146	174149	36.47	ng		97
13) 1,4-Dichlorobenzene	7.83	146	174205	36.01	ng		96
14) 1,2-Dichlorobenzene	8.15	146	170589	36.75	ng		96
15) Benzyl Alcohol	8.03	79	194354	39.84	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	310971	37.93	ng		97
17) 2-Methylphenol	8.24	107	168076	41.67	ng		93
18) Hexachloroethane	8.87	117	72588	36.51	ng		93
19) n-Nitroso-di-n-propylamine	8.60	70	166452	35.54	ng		98
20) 3+4-Methylphenols	8.56	107	234539	42.20	ng		93
22) Acetophenone	8.62	105	273383	40.32	ng	#	97
24) Nitrobenzene	9.00	77	237036	40.28	ng		99
25) Isophorone	9.52	82	444534	37.78	ng		98
26) 2-Nitrophenol	9.70	139	97286	40.61	ng		97
27) 2,4-Dimethylphenol	9.77	122	185217	42.72	ng		94
28) bis(2-Chloroethoxy)methane	10.00	93	236312	39.79	ng		96
29) 2,4-Dichlorophenol	10.24	162	181296	44.26	ng		98
30) 1,2,4-Trichlorobenzene	10.46	180	167286	38.51	ng		91
31) Naphthalene	10.64	128	537592	37.97	ng		99
32) Benzoic acid	9.89	122	124388	47.63	ng		95
33) 4-Chloroaniline	10.75	127	226013	34.56	ng		98
34) Hexachlorobutadiene	10.93	225	95913	35.28	ng		96
35) Caprolactam	11.51	113	90981m	42.75	ng		
36) 4-Chloro-3-methylphenol	11.87	107	228502	43.56	ng		99
37) 2-Methylnaphthalene	12.25	142	415638	38.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	184546	36.75	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	240610	74.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	141075	39.64	ng		92
43) 2,4,5-Trichlorophenol	12.93	196	157153	41.60	ng		97
45) 1,1'-Biphenyl	13.27	154	529243	39.79	ng		97
46) 2-Chloronaphthalene	13.31	162	405903	38.53	ng		98
47) 2-Nitroaniline	13.52	65	173711	47.37	ng		93
48) Acenaphthylene	14.16	152	706598	38.52	ng		99
49) Dimethylphthalate	13.90	163	552830	39.85	ng		98
50) 2,6-Dinitrotoluene	14.02	165	127402	44.24	ng		92
51) Acenaphthene	14.50	154	420002	38.47	ng		96
52) 3-Nitroaniline	14.34	138	133330	40.69	ng		92
53) 2,4-Dinitrophenol	14.54	184	130557	99.11	ng	#	84
54) Dibenzofuran	14.84	168	641108	41.35	ng		99
55) 4-Nitrophenol	14.65	139	257214	92.58	ng		97
56) 2,4-Dinitrotoluene	14.80	165	188509	51.16	ng		99
57) Fluorene	15.48	166	556336	40.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	137225	42.10	ng	#	77
59) Diethylphthalate	15.26	149	597363	40.80	ng		99
60) 4-Chlorophenyl-phenylether	15.48	204	270697	39.25	ng		96
61) 4-Nitroaniline	15.51	138	166206	43.75	ng		96
62) Azobenzene	15.77	77	669728	44.16	ng		95
64) 4,6-Dinitro-2-methylphenol	15.56	198	92879	45.25	ng		94
65) n-Nitrosodiphenylamine	15.70	169	491506	38.90	ng		100
66) 4-Bromophenyl-phenylether	16.37	248	167596	40.33	ng		94
67) Hexachlorobenzene	16.48	284	171637	39.17	ng		96
68) Atrazine	16.65	200	188810	41.52	ng		97
69) Pentachlorophenol	16.83	266	243219	85.50	ng		95
70) Phenanthrene	17.22	178	847071	39.76	ng		98
71) Anthracene	17.31	178	867622	40.37	ng		98
72) Carbazole	17.58	167	847271	41.47	ng		100
73) Di-n-butylphthalate	18.15	149	1082450	40.86	ng		100
74) Fluoranthene	19.24	202	988571	40.00	ng		99
76) Benzidine	19.43	184	602466	41.99	ng		99
77) Pyrene	19.60	202	1019995	40.93	ng		99
79) Butylbenzylphthalate	20.50	149	500454	42.25	ng		97
80) Benzo(a)anthracene	21.34	228	954151	42.12	ng		100
81) 3,3'-Dichlorobenzidine	21.28	252	326108	36.87	ng		99
82) Chrysene	21.40	228	878152	41.39	ng		98
83) Bis(2-ethylhexyl)phthalate	21.28	149	679127	41.92	ng		97
84) Di-n-octyl phthalate	22.17	149	1135592	41.72	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.03	276	1054163	41.70	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	932231	41.17	ng		97
88) Benzo(k)fluoranthene	23.01	252	906227	41.60	ng		97
89) Benzo(a)pyrene	23.56	252	898390	42.54	ng		98
90) Dibenzo(a,h)anthracene	26.05	278	901076	41.77	ng		97
91) Benzo(g,h,i)perylene	26.75	276	855939	41.67	ng		98

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

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