Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017174.D
Acq On : 15 May 2015 14:20
Operator : TP/IZ
Sample : PB83387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83387BS

Manual Integrations APPROVED
apatel
5/18/2015 12:15:25 PM

Quant Time: May 16 00:34:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 00:01:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	42671	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	184949	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	122031	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	286742	20.00	ng		0.00
75) Chrysene-d12	21.30	240	294548	20.00	ng		0.00
86) Perylene-d12	23.56	264	287597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	376274	156.45	ng		0.00
7) Phenol-d6	6.91	99	502842	148.99	ng		0.00
23) Nitrobenzene-d5	8.87	82	331796	83.76	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	200945	136.22	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	675092	81.18	ng		0.00
78) Terphenyl-d14	19.74	244	1173100	83.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	37958	40.00	ng		92
3) Pyridine	3.56	79	113871	39.66	ng		94
4) n-Nitrosodimethylamine	3.49	42	80350	36.88	ng	#	94
6) Aniline	7.04	93	122479	26.23	ng		97
8) 2-Chlorophenol	7.28	128	132285	45.98	ng		98
9) Benzaldehyde	6.84	77	39590	15.16	ng		86
10) Phenol	6.94	94	172813	48.28	ng		100
11) bis(2-Chloroethyl)ether	7.14	93	116334	43.35	ng		91
12) 1,3-Dichlorobenzene	7.59	146	130812	40.71	ng		96
13) 1,4-Dichlorobenzene	7.74	146	130623	40.27	ng		94
14) 1,2-Dichlorobenzene	8.06	146	122758	39.62	ng		96
15) Benzyl Alcohol	7.95	79	135342	41.27	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.25	45	206043	47.35	ng		98
17) 2-Methylphenol	8.18	107	119486	46.04	ng		88
18) Hexachloroethane	8.78	117	53534	39.51	ng		87
19) n-Nitroso-di-n-propylamine	8.52	70	111252	37.83	ng		98
20) 3+4-Methylphenols	8.50	107	157281	43.61	ng		95
22) Acetophenone	8.53	105	189544	42.23	ng		97
24) Nitrobenzene	8.91	77	166514	42.96	ng		97
25) Isophorone	9.43	82	291938	39.98	ng		99
26) 2-Nitrophenol	9.61	139	73878	42.64	ng		91
27) 2,4-Dimethylphenol	9.70	122	133918	46.96	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	158834	44.68	ng		94
29) 2,4-Dichlorophenol	10.17	162	127301	47.32	ng		91
30) 1,2,4-Trichlorobenzene	10.36	180	125116	41.00	ng		96
31) Naphthalene	10.55	128	381149	42.11	ng		99
32) Benzoic acid	9.84	122	82792	42.84	ng		97
33) 4-Chloroaniline	10.67	127	80598	18.83	ng	#	93
34) Hexachlorobutadiene	10.83	225	76495	39.58	ng		97
35) Caprolactam	11.44	113	60976m	45.08	ng		
36) 4-Chloro-3-methylphenol	11.82	107	160493	47.22	ng		98
37) 2-Methylnaphthalene	12.17	142	293675	40.91	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	137291	39.76	ng		98
40) Hexachlorocyclopentadiene	12.52	237	182748	86.77	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	102935	42.03	ng		98
43) 2,4,5-Trichlorophenol	12.88	196	117304	46.49	ng		93
45) 1,1'-Biphenyl	13.19	154	379844	43.22	ng		99
46) 2-Chloronaphthalene	13.23	162	294037	42.25	ng		97
47) 2-Nitroaniline	13.45	65	126127	46.58	ng		92
48) Acenaphthylene	14.08	152	505462	42.41	ng		99
49) Dimethylphthalate	13.83	163	399438	41.86	ng		98
50) 2,6-Dinitrotoluene	13.95	165	94697	44.79	ng		99
51) Acenaphthene	14.43	154	304120	43.20	ng		97
52) 3-Nitroaniline	14.27	138	69162	29.48	ng		99
53) 2,4-Dinitrophenol	14.49	184	107571	87.62	ng		97
54) Dibenzofuran	14.76	168	459811	43.93	ng		100
55) 4-Nitrophenol	14.63	139	178193	94.33	ng		96
56) 2,4-Dinitrotoluene	14.73	165	133889	45.40	ng		97
57) Fluorene	15.41	166	413574	44.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	107678	46.50	ng		99
59) Diethylphthalate	15.19	149	440838	43.01	ng		99
60) 4-Chlorophenyl-phenylether	15.41	204	205294	43.14	ng		95
61) 4-Nitroaniline	15.44	138	115426	44.10	ng		99
62) Azobenzene	15.70	77	469712	47.97	ng		97
64) 4,6-Dinitro-2-methylphenol	15.50	198	77609	39.49	ng		97
65) n-Nitrosodiphenylamine	15.63	169	365506	41.52	ng		99
66) 4-Bromophenyl-phenylether	16.30	248	128114	40.97	ng		96
67) Hexachlorobenzene	16.41	284	133253	40.38	ng		95
68) Atrazine	16.58	200	144036	44.73	ng		98
69) Pentachlorophenol	16.77	266	176374	85.61	ng		93
70) Phenanthrene	17.15	178	639593	43.26	ng		100
71) Anthracene	17.24	178	652614	43.55	ng		97
72) Carbazole	17.52	167	630123	45.76	ng		98
73) Di-n-butylphthalate	18.08	149	825451	44.80	ng		99
74) Fluoranthene	19.17	202	767878	43.24	ng		96
76) Benzidine	19.36	184	315894	32.85	ng		95
77) Pyrene	19.53	202	787318	43.57	ng		99
79) Butylbenzylphthalate	20.44	149	358989	43.69	ng		98
80) Benzo(a)anthracene	21.28	228	713845	42.29	ng		98
81) 3,3'-Dichlorobenzidine	21.21	252	190239	29.12	ng	#	99
82) Chrysene	21.33	228	669854	42.61	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	505369	43.28	ng		99
84) Di-n-octyl phthalate	22.09	149	846539	43.54	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	799972	42.52	ng		97
87) Benzo(b)fluoranthene	22.88	252	732322m	43.68	ng		
88) Benzo(k)fluoranthene	22.92	252	670902	42.15	ng		99
89) Benzo(a)pyrene	23.46	252	685358	44.52	ng		99
90) Dibenzo(a,h)anthracene	25.89	278	676144	42.78	ng	#	96
91) Benzo(g,h,i)perylene	26.59	276	648978	43.62	ng	#	95

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

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