Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
Data File : BG016308.D
Acq On : 10 Apr 2015 3:12
Operator : TP/IZ
Sample : PB82581BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82581BS

Manual Integrations APPROVED
apatel
4/10/2015 5:15:26 PM

Quant Time: Apr 10 04:04:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	69072	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	324146	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	192829	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	402458	20.00	ng		0.00
75) Chrysene-d12	21.26	240	348546	20.00	ng		0.00
86) Perylene-d12	23.50	264	325752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	621110	141.92	ng		0.01
7) Phenol-d6	6.89	99	909124	138.37	ng		0.02
23) Nitrobenzene-d5	8.86	82	457003	81.67	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	189247	145.12	ng		0.00
44) 2-Fluorobiphenyl	12.96	172	957038	84.50	ng		0.00
78) Terphenyl-d14	19.71	244	1190234	79.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	65028	32.68	ng		99
3) Pyridine	3.56	79	195110	32.81	ng		97
4) n-Nitrosodimethylamine	3.49	42	62721	35.48	ng		99
6) Aniline	7.03	93	144273	15.38	ng		96
8) 2-Chlorophenol	7.27	128	240063	45.68	ng		97
9) Benzaldehyde	6.84	77	67893	17.64	ng		99
10) Phenol	6.91	94	321302	45.71	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	214073	38.19	ng		99
12) 1,3-Dichlorobenzene	7.59	146	206531	38.91	ng		97
13) 1,4-Dichlorobenzene	7.74	146	210508	38.23	ng		98
14) 1,2-Dichlorobenzene	8.05	146	204913	38.92	ng		97
15) Benzyl Alcohol	7.94	79	184901	40.37	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	236044	37.39	ng		99
17) 2-Methylphenol	8.15	107	210388	44.63	ng		97
18) Hexachloroethane	8.77	117	77339	36.72	ng		99
19) n-Nitroso-di-n-propylamine	8.51	70	162688	34.56	ng		99
20) 3+4-Methylphenols	8.48	107	285224	43.68	ng		96
22) Acetophenone	8.52	105	303932	40.44	ng	#	99
24) Nitrobenzene	8.90	77	231498	38.69	ng		96
25) Isophorone	9.42	82	445782	35.87	ng		98
26) 2-Nitrophenol	9.60	139	128284	45.98	ng		99
27) 2,4-Dimethylphenol	9.67	122	245686	47.27	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	283645	39.99	ng		100
29) 2,4-Dichlorophenol	10.14	162	209325	50.90	ng		97
30) 1,2,4-Trichlorobenzene	10.35	180	179459	41.80	ng		99
31) Naphthalene	10.54	128	676395	40.04	ng		100
32) Benzoic acid	9.82	122	146823	44.16	ng		98
33) 4-Chloroaniline	10.65	127	81033	10.22	ng		97
34) Hexachlorobutadiene	10.82	225	77301	40.99	ng		98
35) Caprolactam	11.42	113	116163m	44.87	ng		
36) 4-Chloro-3-methylphenol	11.79	107	257978	47.49	ng		99
37) 2-Methylnaphthalene	12.15	142	501374	41.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	170890	40.25	ng		99
40) Hexachlorocyclopentadiene	12.50	237	168722	86.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	143216	45.40	ng	100
43) 2,4,5-Trichlorophenol	12.85	196	164328	48.75	ng	98
45) 1,1'-Biphenyl	13.17	154	611274	41.32	ng	99
46) 2-Chloronaphthalene	13.21	162	457714	40.62	ng	100
47) 2-Nitroaniline	13.42	65	159190	43.83	ng	97
48) Acenaphthylene	14.06	152	808524	40.35	ng	99
49) Dimethylphthalate	13.80	163	569063	40.27	ng	100
50) 2,6-Dinitrotoluene	13.92	165	149116	43.63	ng	95
51) Acenaphthene	14.40	154	488413	40.79	ng	99
52) 3-Nitroaniline	14.25	138	100214	22.96	ng	96
53) 2,4-Dinitrophenol	14.46	184	140414	71.92	ng	98
54) Dibenzofuran	14.74	168	710386	42.75	ng	99
55) 4-Nitrophenol	14.58	139	326992	90.65	ng	99
56) 2,4-Dinitrotoluene	14.71	165	207643	44.60	ng	96
57) Fluorene	15.39	166	614199	41.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	128364	49.35	ng	95
59) Diethylphthalate	15.17	149	611028	40.62	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	254575	42.46	ng	99
61) 4-Nitroaniline	15.41	138	205358	41.45	ng	98
62) Azobenzene	15.67	77	663522	41.44	ng	100
64) 4,6-Dinitro-2-methylphenol	15.47	198	103926	37.60	ng	93
65) n-Nitrosodiphenylamine	15.60	169	559782	41.14	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	136448	42.46	ng	95
67) Hexachlorobenzene	16.39	284	138839	41.57	ng	97
68) Atrazine	16.55	200	175231	46.21	ng	99
69) Pentachlorophenol	16.74	266	180674	88.59	ng	98
70) Phenanthrene	17.12	178	945730	41.78	ng	99
71) Anthracene	17.21	178	963978	42.97	ng	100
72) Carbazole	17.49	167	989951	43.97	ng	100
73) Di-n-butylphthalate	18.05	149	1163168	42.22	ng	100
74) Fluoranthene	19.14	202	988177	42.35	ng	98
76) Benzidine	19.33	184	325987	22.05	ng	99
77) Pyrene	19.50	202	1018089	41.95	ng	99
79) Butylbenzylphthalate	20.40	149	531101	44.54	ng	98
80) Benzo(a)anthracene	21.24	228	867763	42.13	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	167250	24.69	ng	98
82) Chrysene	21.30	228	831655	41.82	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	711678	44.09	ng	97
84) Di-n-octyl phthalate	22.05	149	1203369	45.76	ng	99
85) Indeno(1,2,3-cd)pyrene	25.80	276	905344	43.82	ng	100
87) Benzo(b)fluoranthene	22.83	252	807841	42.34	ng	99
88) Benzo(k)fluoranthene	22.87	252	818378	43.83	ng	98
89) Benzo(a)pyrene	23.41	252	797040	44.57	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	753599	43.31	ng	99
91) Benzo(g,h,i)perylene	26.50	276	760771	43.77	ng	99

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

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