Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017132.D
Acq On : 14 May 2015 6:11
Operator : TP/IZ
Sample : PB83339BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83339BS

Manual Integrations APPROVED
apatel
5/14/2015 3:03:09 PM

Quant Time: May 14 07:31:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 06:13:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	51250	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	219510	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	145196	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	332733	20.00	ng		0.00
75) Chrysene-d12	21.30	240	365599	20.00	ng		0.00
86) Perylene-d12	23.56	264	354235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	344664	119.32	ng		0.00
7) Phenol-d6	6.91	99	467069	115.22	ng		0.00
23) Nitrobenzene-d5	8.87	82	301090	64.04	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	184733	105.25	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	624269	63.09	ng		0.00
78) Terphenyl-d14	19.74	244	1159849	66.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	34356	30.14	ng		94
3) Pyridine	3.57	79	105781	30.68	ng		97
4) n-Nitrosodimethylamine	3.48	42	82505	31.53	ng	#	99
6) Aniline	7.03	93	127434	22.72	ng		92
8) 2-Chlorophenol	7.28	128	128370	37.15	ng		94
9) Benzaldehyde	6.84	77	37947	11.79	ng		94
10) Phenol	6.93	94	165315	38.45	ng		95
11) bis(2-Chloroethyl)ether	7.14	93	115207	35.74	ng		94
12) 1,3-Dichlorobenzene	7.60	146	122312	31.69	ng		98
13) 1,4-Dichlorobenzene	7.74	146	125628	32.25	ng		94
14) 1,2-Dichlorobenzene	8.06	146	118499	31.85	ng		98
15) Benzyl Alcohol	7.95	79	131008	33.26	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	196043	37.51	ng		98
17) 2-Methylphenol	8.18	107	115444	37.04	ng	#	85
18) Hexachloroethane	8.78	117	50909	31.29	ng		88
19) n-Nitroso-di-n-propylamine	8.51	70	108763	30.80	ng		96
20) 3+4-Methylphenols	8.50	107	151888	35.06	ng		91
22) Acetophenone	8.53	105	182093	34.18	ng		96
24) Nitrobenzene	8.91	77	159799	34.74	ng		93
25) Isophorone	9.43	82	284721	32.85	ng		97
26) 2-Nitrophenol	9.62	139	68647	33.38	ng		89
27) 2,4-Dimethylphenol	9.69	122	126602	37.40	ng		95
28) bis(2-Chloroethoxy)methane	9.92	93	151649	35.94	ng		94
29) 2,4-Dichlorophenol	10.17	162	124544	39.00	ng		94
30) 1,2,4-Trichlorobenzene	10.37	180	119942	33.11	ng		98
31) Naphthalene	10.55	128	367778	34.24	ng		97
32) Benzoic acid	9.84	122	74804	32.61	ng		86
33) 4-Chloroaniline	10.67	127	75947	14.95	ng		93
34) Hexachlorobutadiene	10.84	225	70166	30.59	ng		97
35) Caprolactam	11.43	113	58964m	36.73	ng		
36) 4-Chloro-3-methylphenol	11.83	107	151933	37.66	ng		96
37) 2-Methylnaphthalene	12.17	142	285833	33.55	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	131919	32.11	ng		99
40) Hexachlorocyclopentadiene	12.52	237	175416	70.00	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	98940	33.95	ng		96
43) 2,4,5-Trichlorophenol	12.88	196	107506	35.81	ng		94
45) 1,1'-Biphenyl	13.20	154	356383	34.08	ng		98
46) 2-Chloronaphthalene	13.23	162	275914	33.32	ng		100
47) 2-Nitroaniline	13.45	65	116476	36.16	ng		95
48) Acenaphthylene	14.08	152	479757	33.83	ng		99
49) Dimethylphthalate	13.82	163	384270	33.85	ng		98
50) 2,6-Dinitrotoluene	13.95	165	89438	35.55	ng		94
51) Acenaphthene	14.43	154	281050	33.55	ng		95
52) 3-Nitroaniline	14.28	138	63880	22.89	ng		98
53) 2,4-Dinitrophenol	14.48	184	110449	75.62	ng		90
54) Dibenzofuran	14.76	168	437987	35.17	ng		99
55) 4-Nitrophenol	14.63	139	177646	79.04	ng		87
56) 2,4-Dinitrotoluene	14.73	165	128284	36.56	ng		96
57) Fluorene	15.42	166	383496	34.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	98095	35.60	ng		98
59) Diethylphthalate	15.19	149	418639	34.33	ng		100
60) 4-Chlorophenyl-phenylether	15.41	204	193346	34.15	ng		96
61) 4-Nitroaniline	15.45	138	111333	35.75	ng		94
62) Azobenzene	15.70	77	442823	38.01	ng		96
64) 4,6-Dinitro-2-methylphenol	15.50	198	78750	34.53	ng		95
65) n-Nitrosodiphenylamine	15.63	169	344180	33.69	ng		99
66) 4-Bromophenyl-phenylether	16.30	248	119437	32.91	ng		96
67) Hexachlorobenzene	16.41	284	125567	32.79	ng		96
68) Atrazine	16.58	200	137037	36.67	ng		96
69) Pentachlorophenol	16.77	266	170877	71.48	ng		94
70) Phenanthrene	17.16	178	599853	34.96	ng		99
71) Anthracene	17.24	178	614756	35.35	ng		98
72) Carbazole	17.52	167	611225	38.25	ng		98
73) Di-n-butylphthalate	18.08	149	815751	38.16	ng		100
74) Fluoranthene	19.17	202	763593	37.06	ng		97
76) Benzidine	19.36	184	418370	35.05	ng		96
77) Pyrene	19.53	202	797669	35.56	ng		99
79) Butylbenzylphthalate	20.44	149	364087	35.70	ng		99
80) Benzo(a)anthracene	21.28	228	730677	34.88	ng		100
81) 3,3'-Dichlorobenzidine	21.22	252	161379	19.90	ng	#	98
82) Chrysene	21.33	228	678821	34.79	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	496688	34.27	ng		99
84) Di-n-octyl phthalate	22.10	149	850110	35.23	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	789353	33.80	ng		96
87) Benzo(b)fluoranthene	22.87	252	707600	34.27	ng	#	97
88) Benzo(k)fluoranthene	22.92	252	694613	35.43	ng		99
89) Benzo(a)pyrene	23.46	252	687753	36.27	ng		99
90) Dibenzo(a,h)anthracene	25.89	278	669941	34.41	ng	#	97
91) Benzo(g,h,i)perylene	26.59	276	640723	34.97	ng	#	94

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

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