Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017149.D
Acq On : 14 May 2015 20:09
Operator : TP/IZ
Sample : PB83305BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83305BS

Manual Integrations APPROVED
apatel
5/15/2015 11:31:24 AM

Quant Time: May 15 05:39:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	53173	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	230720	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	152770	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	359495	20.00	ng		0.00
75) Chrysene-d12	21.30	240	386431	20.00	ng		0.00
86) Perylene-d12	23.56	264	378332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	363984	121.45	ng		0.00
7) Phenol-d6	6.91	99	490953	116.73	ng		0.00
23) Nitrobenzene-d5	8.87	82	317006	64.15	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	190500	103.15	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	650690	62.50	ng		0.00
78) Terphenyl-d14	19.74	244	1182660	63.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	38201	32.31	ng		93
3) Pyridine	3.56	79	112151	31.35	ng		91
4) n-Nitrosodimethylamine	3.49	42	83937	30.91	ng	#	96
6) Aniline	7.04	93	127739	21.95	ng		94
8) 2-Chlorophenol	7.28	128	131517	36.68	ng		95
9) Benzaldehyde	6.85	77	30714	8.98	ng		98
10) Phenol	6.93	94	173097	38.81	ng		98
11) bis(2-Chloroethyl)ether	7.14	93	118427	35.41	ng		100
12) 1,3-Dichlorobenzene	7.59	146	127559	31.86	ng		96
13) 1,4-Dichlorobenzene	7.74	146	128728	31.85	ng		99
14) 1,2-Dichlorobenzene	8.06	146	124155	32.16	ng		94
15) Benzyl Alcohol	7.95	79	132056	32.32	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	203874	37.60	ng		97
17) 2-Methylphenol	8.17	107	119630	36.99	ng		89
18) Hexachloroethane	8.78	117	53882	31.92	ng		86
19) n-Nitroso-di-n-propylamine	8.52	70	114603	31.28	ng		95
20) 3+4-Methylphenols	8.50	107	160710	35.76	ng		92
22) Acetophenone	8.53	105	190850	34.08	ng		97
24) Nitrobenzene	8.91	77	167026	34.54	ng		97
25) Isophorone	9.43	82	293707	32.24	ng	#	96
26) 2-Nitrophenol	9.62	139	73498	34.00	ng	#	87
27) 2,4-Dimethylphenol	9.70	122	132858	37.35	ng		95
28) bis(2-Chloroethoxy)methane	9.92	93	158424	35.72	ng		94
29) 2,4-Dichlorophenol	10.17	162	125506	37.40	ng		94
30) 1,2,4-Trichlorobenzene	10.37	180	120351	31.61	ng		94
31) Naphthalene	10.55	128	380634	33.71	ng		98
32) Benzoic acid	9.84	122	69995	29.03	ng		94
33) 4-Chloroaniline	10.67	127	80625	15.10	ng		98
34) Hexachlorobutadiene	10.84	225	71865	29.81	ng		98
35) Caprolactam	11.43	113	59765m	35.42	ng		
36) 4-Chloro-3-methylphenol	11.82	107	158396	37.35	ng		99
37) 2-Methylnaphthalene	12.17	142	289804	32.37	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	136941	31.68	ng		99
40) Hexachlorocyclopentadiene	12.52	237	174318	66.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	99984	32.61	ng		97
43) 2,4,5-Trichlorophenol	12.88	196	109401	34.63	ng		94
45) 1,1'-Biphenyl	13.19	154	372834	33.88	ng		99
46) 2-Chloronaphthalene	13.23	162	291591	33.47	ng		98
47) 2-Nitroaniline	13.45	65	120349	35.51	ng		93
48) Acenaphthylene	14.08	152	501567	33.61	ng		98
49) Dimethylphthalate	13.83	163	402041	33.66	ng		98
50) 2,6-Dinitrotoluene	13.95	165	90992	34.37	ng		97
51) Acenaphthene	14.43	154	293986	33.36	ng		97
52) 3-Nitroaniline	14.27	138	67471	22.97	ng		97
53) 2,4-Dinitrophenol	14.49	184	114847	74.73	ng		95
54) Dibenzofuran	14.76	168	456394	34.83	ng		96
55) 4-Nitrophenol	14.63	139	178735	75.58	ng		95
56) 2,4-Dinitrotoluene	14.73	165	133894	36.26	ng		95
57) Fluorene	15.41	166	399955	34.49	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	100844	34.78	ng		98
59) Diethylphthalate	15.20	149	436849	34.05	ng		98
60) 4-Chlorophenyl-phenylether	15.41	204	200301	33.62	ng		97
61) 4-Nitroaniline	15.44	138	115073	35.12	ng		94
62) Azobenzene	15.70	77	469125	38.27	ng		94
64) 4,6-Dinitro-2-methylphenol	15.50	198	78368	31.81	ng		96
65) n-Nitrosodiphenylamine	15.63	169	354506	32.12	ng		96
66) 4-Bromophenyl-phenylether	16.30	248	123264	31.44	ng		93
67) Hexachlorobenzene	16.42	284	129430	31.28	ng		95
68) Atrazine	16.58	200	130244	32.26	ng		97
69) Pentachlorophenol	16.77	266	173842	67.31	ng		94
70) Phenanthrene	17.15	178	626373	33.79	ng		98
71) Anthracene	17.24	178	641899	34.17	ng		97
72) Carbazole	17.52	167	624607	36.18	ng		98
73) Di-n-butylphthalate	18.08	149	828632	35.87	ng		98
74) Fluoranthene	19.17	202	781263	35.09	ng		96
76) Benzidine	19.36	184	227506	18.03	ng		95
77) Pyrene	19.53	202	813342	34.31	ng		99
79) Butylbenzylphthalate	20.44	149	371761	34.49	ng		98
80) Benzo(a)anthracene	21.28	228	741388	33.48	ng		100
81) 3,3'-Dichlorobenzidine	21.22	252	213742	24.94	ng		96
82) Chrysene	21.33	228	700267	33.95	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	516858	33.74	ng		99
84) Di-n-octyl phthalate	22.09	149	875083	34.31	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	824628	33.41	ng		96
87) Benzo(b)fluoranthene	22.88	252	749860	34.00	ng	#	97
88) Benzo(k)fluoranthene	22.92	252	701446	33.50	ng		98
89) Benzo(a)pyrene	23.46	252	703772	34.75	ng	#	97
90) Dibenzo(a,h)anthracene	25.90	278	688942	33.14	ng	#	95
91) Benzo(g,h,i)perylene	26.59	276	665058	33.98	ng	#	94

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

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