Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017110.D
Acq On : 13 May 2015 16:54
Operator : TP/IZ
Sample : PB83351BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83351BS

Manual Integrations APPROVED
apatel
5/14/2015 3:02:42 PM

Quant Time: May 14 03:24:32 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	7.70	152	42973	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	188034	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	130749	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	292181	20.00	ng		0.00
75) Chrysene-d12	21.29	240	318490	20.00	ng		0.00
86) Perylene-d12	23.56	264	308368	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	287317	118.62	ng		0.00
7) Phenol-d6	6.91	99	388145	114.19	ng		0.00
23) Nitrobenzene-d5	8.87	82	252727	62.75	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	155649	98.48	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	555985	62.40	ng		0.00
78) Terphenyl-d14	19.74	244	991712	64.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	29885	31.27	ng		100
3) Pyridine	3.57	79	90355	31.25	ng		93
4) n-Nitrosodimethylamine	3.49	42	71356	32.52	ng	#	100
6) Aniline	7.04	93	105938	22.53	ng		97
8) 2-Chlorophenol	7.28	128	106355	36.70	ng		94
9) Benzaldehyde	6.85	77	35513	13.32	ng		87
10) Phenol	6.94	94	139349	38.66	ng		97
11) bis(2-Chloroethyl)ether	7.14	93	95375	35.29	ng		97
12) 1,3-Dichlorobenzene	7.60	146	101178	31.27	ng		98
13) 1,4-Dichlorobenzene	7.75	146	108296	33.15	ng		93
14) 1,2-Dichlorobenzene	8.06	146	103481	33.17	ng		95
15) Benzyl Alcohol	7.95	79	111218	33.68	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	153947	35.13	ng		98
17) 2-Methylphenol	8.17	107	93991	35.96	ng		97
18) Hexachloroethane	8.79	117	43851	32.14	ng		92
19) n-Nitroso-di-n-propylamine	8.52	70	90468	30.55	ng	#	92
20) 3+4-Methylphenols	8.50	107	127118	35.00	ng		97
22) Acetophenone	8.53	105	153328	33.60	ng		98
24) Nitrobenzene	8.91	77	133617	33.91	ng		96
25) Isophorone	9.43	82	235569	31.73	ng		99
26) 2-Nitrophenol	9.62	139	58980	33.48	ng	#	89
27) 2,4-Dimethylphenol	9.70	122	106707	36.80	ng		97
28) bis(2-Chloroethoxy)methane	9.92	93	125247	34.65	ng		92
29) 2,4-Dichlorophenol	10.17	162	105439	38.55	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	103450	33.34	ng		97
31) Naphthalene	10.55	128	310638	33.76	ng	#	96
32) Benzoic acid	9.84	122	63349	32.24	ng	#	81
33) 4-Chloroaniline	10.67	127	71730	16.48	ng	#	94
34) Hexachlorobutadiene	10.84	225	63205	32.17	ng		97
35) Caprolactam	11.44	113	46583m	33.88	ng		
36) 4-Chloro-3-methylphenol	11.82	107	129173	37.38	ng		96
37) 2-Methylnaphthalene	12.17	142	241219	33.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	115808	31.31	ng		98
40) Hexachlorocyclopentadiene	12.52	237	163846	72.61	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	85181	32.46	ng	95
43) 2,4,5-Trichlorophenol	12.88	196	95004	35.14	ng	98
45) 1,1'-Biphenyl	13.19	154	315642	33.52	ng	99
46) 2-Chloronaphthalene	13.23	162	243354	32.64	ng	96
47) 2-Nitroaniline	13.45	65	98022	33.79	ng	90
48) Acenaphthylene	14.09	152	419945	32.88	ng	98
49) Dimethylphthalate	13.83	163	338528	33.11	ng	97
50) 2,6-Dinitrotoluene	13.94	165	76045	33.57	ng	91
51) Acenaphthene	14.43	154	245310	32.52	ng	97
52) 3-Nitroaniline	14.28	138	50750	20.19	ng	97
53) 2,4-Dinitrophenol	14.49	184	98586	74.95	ng	94
54) Dibenzofuran	14.77	168	377579	33.67	ng	99
55) 4-Nitrophenol	14.63	139	143159	70.73	ng	98
56) 2,4-Dinitrotoluene	14.73	165	111267	35.21	ng	94
57) Fluorene	15.41	166	326592	32.90	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.00	232	88222m	35.55	ng	
59) Diethylphthalate	15.20	149	367364	33.45	ng	99
60) 4-Chlorophenyl-phenylether	15.41	204	167425	32.84	ng	97
61) 4-Nitroaniline	15.44	138	91094	32.48	ng	93
62) Azobenzene	15.70	77	371001	35.36	ng	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	64761	32.34	ng	94
65) n-Nitrosodiphenylamine	15.63	169	295407	32.93	ng	99
66) 4-Bromophenyl-phenylether	16.31	248	105126	32.99	ng	98
67) Hexachlorobenzene	16.42	284	109023	32.42	ng	98
68) Atrazine	16.58	200	121975	37.17	ng	99
69) Pentachlorophenol	16.77	266	149401	71.17	ng	93
70) Phenanthrene	17.15	178	520954	34.58	ng	99
71) Anthracene	17.25	178	526776	34.50	ng	98
72) Carbazole	17.52	167	520759	37.11	ng	97
73) Di-n-butylphthalate	18.08	149	697955	37.18	ng	98
74) Fluoranthene	19.17	202	661144	36.54	ng	99
76) Benzidine	19.36	184	353854	34.03	ng	97
77) Pyrene	19.54	202	688743	35.25	ng	99
79) Butylbenzylphthalate	20.44	149	300002	33.77	ng	98
80) Benzo(a)anthracene	21.28	228	627298	34.37	ng	100
81) 3,3'-Dichlorobenzidine	21.22	252	150411	21.30	ng	99
82) Chrysene	21.33	228	588906	34.64	ng	96
83) Bis(2-ethylhexyl)phthalate	21.21	149	431886	34.20	ng	97
84) Di-n-octyl phthalate	22.09	149	721642	34.33	ng	99
85) Indeno(1,2,3-cd)pyrene	25.88	276	696745	34.25	ng	99
87) Benzo(b)fluoranthene	22.88	252	625818m	34.81	ng	
88) Benzo(k)fluoranthene	22.92	252	592615	34.72	ng	99
89) Benzo(a)pyrene	23.46	252	589413	35.71	ng	98
90) Dibenzo(a,h)anthracene	25.89	278	588179	34.71	ng	98
91) Benzo(g,h,i)perylene	26.59	276	566858	35.54	ng	99

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

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