Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019938.D
Acq On : 5 Dec 2015 12:30
Operator : UM/NP
Sample : PB86993BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:29:47 PM

Quant Time: Dec 07 04:59:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31444	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	135659	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	98413	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	246689	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	298640	20.00	ng		-0.03
86) Perylene-d12	25.04	264	279680	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	227356	130.68	ng		-0.01
7) Phenol-d6	7.26	99	332029	126.40	ng		-0.01
23) Nitrobenzene-d5	9.28	82	213173	80.20	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	166676	110.69	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	518337	71.92	ng		-0.02
78) Terphenyl-d14	20.09	244	919744	75.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	22071	32.56	ng	#	100
3) Pyridine	3.92	79	69969	33.99	ng	#	81
4) n-Nitrosodimethylamine	3.84	42	36957	34.14	ng		79
6) Aniline	7.43	93	78246	23.00	ng	#	82
8) 2-Chlorophenol	7.68	128	86624	40.83	ng		95
9) Benzaldehyde	7.25	77	31610	18.05	ng		91
10) Phenol	7.29	94	119552	43.24	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	77454	37.83	ng		90
12) 1,3-Dichlorobenzene	8.00	146	86997	36.18	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	87796	35.35	ng		93
14) 1,2-Dichlorobenzene	8.47	146	86478	36.51	ng		92
15) Benzyl Alcohol	8.35	79	91609	39.74	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	121085	36.26	ng		93
17) 2-Methylphenol	8.55	107	81439	41.73	ng	#	91
18) Hexachloroethane	9.21	117	33257	35.76	ng		99
19) n-Nitroso-di-n-propylamine	8.92	70	74246	35.84	ng		92
20) 3+4-Methylphenols	8.88	107	111640	40.62	ng		93
22) Acetophenone	8.94	105	130153	35.00	ng	#	93
24) Nitrobenzene	9.32	77	112477	39.01	ng	#	88
25) Isophorone	9.85	82	200108	35.11	ng		96
26) 2-Nitrophenol	10.04	139	46932	42.14	ng	#	78
27) 2,4-Dimethylphenol	10.09	122	92185	39.75	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	114354	41.07	ng		99
29) 2,4-Dichlorophenol	10.58	162	98562	41.60	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	95677	35.73	ng		96
31) Naphthalene	10.99	128	274857	37.82	ng		98
32) Benzoic acid	10.21	122	65033	42.41	ng		88
33) 4-Chloroaniline	11.09	127	41917	13.09	ng	#	92
34) Hexachlorobutadiene	11.27	225	67804	34.33	ng		97
35) Caprolactam	11.86	113	35766m	40.56	ng		
36) 4-Chloro-3-methylphenol	12.20	107	116378	39.44	ng		95
37) 2-Methylnaphthalene	12.59	142	206609	38.79	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	129359	34.64	ng		99
40) Hexachlorocyclopentadiene	12.93	237	147525	69.28	ng		99

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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	13.18	196	92502	37.41	ng		100
43) 2,4,5-Trichlorophenol	13.25	196	99942	38.24	ng		95
45) 1,1'-Biphenyl	13.58	154	277770	34.39	ng		99
46) 2-Chloronaphthalene	13.63	162	222459	35.73	ng		93
47) 2-Nitroaniline	13.82	65	83672	42.55	ng		85
48) Acenaphthylene	14.47	152	372834	35.16	ng		99
49) Dimethylphthalate	14.20	163	311737	35.21	ng		98
50) 2,6-Dinitrotoluene	14.31	165	68397	41.09	ng	#	79
51) Acenaphthene	14.81	154	267728	41.61	ng		98
52) 3-Nitroaniline	14.64	138	43994	25.44	ng		96
53) 2,4-Dinitrophenol	14.85	184	72928	82.07	ng		97
54) Dibenzofuran	15.14	168	377042	39.39	ng		92
55) 4-Nitrophenol	14.94	139	116015	77.04	ng	#	66
56) 2,4-Dinitrotoluene	15.10	165	98367	42.36	ng	#	91
57) Fluorene	15.79	166	302254	35.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	99199	41.02	ng		97
59) Diethylphthalate	15.56	149	326399	34.07	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	167044	33.96	ng		98
61) 4-Nitroaniline	15.80	138	72691	37.38	ng	#	73
62) Azobenzene	16.08	77	310707	38.97	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	57420	42.27	ng		92
65) n-Nitrosodiphenylamine	15.99	169	275641	38.61	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	110926	36.19	ng		96
67) Hexachlorobenzene	16.79	284	120058	37.60	ng		98
68) Atrazine	16.94	200	116624	37.60	ng		94
69) Pentachlorophenol	17.13	266	154303	82.79	ng		94
70) Phenanthrene	17.53	178	525434	37.65	ng		96
71) Anthracene	17.62	178	533811	37.55	ng		97
72) Carbazole	17.88	167	479305	38.27	ng		98
73) Di-n-butylphthalate	18.44	149	565198	36.82	ng		99
74) Fluoranthene	19.53	202	664871	37.24	ng		95
76) Benzidine	19.71	184	187257	19.09	ng		97
77) Pyrene	19.89	202	680020	38.70	ng		96
79) Butylbenzylphthalate	20.78	149	270563	39.29	ng		99
80) Benzo(a)anthracene	21.74	228	694307	37.98	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	142767	20.51	ng		98
82) Chrysene	21.81	228	634824	36.57	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	387815	38.37	ng		96
84) Di-n-octyl phthalate	22.88	149	665112	40.48	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	771126	40.33	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	678940	38.30	ng	#	96
88) Benzo(k)fluoranthene	24.07	252	642303	36.59	ng	#	95
89) Benzo(a)pyrene	24.89	252	654173	38.87	ng	#	95
90) Dibenzo(a,h)anthracene	28.87	278	639190	38.44	ng	#	92
91) Benzo(g,h,i)perylene	29.98	276	629145	38.54	ng	#	93

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

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