Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019986.D
Acq On : 7 Dec 2015 18:18
Operator : UM/NP
Sample : PB87126BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87126BSD

Manual Integrations APPROVED
Mmdadoda
12/8/2015 6:30:13 PM

Quant Time: Dec 07 18:57:46 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	17569	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	75693	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	54361	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	136303	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	163921	20.00	ng		-0.03
86) Perylene-d12	25.04	264	151466	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	98236	101.06	ng		-0.01
7) Phenol-d6	7.26	99	142654	97.20	ng		-0.01
23) Nitrobenzene-d5	9.28	82	135751	91.53	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	70779	85.09	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	328544	82.52	ng		-0.02
78) Terphenyl-d14	20.09	244	583525	86.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	14702	38.82	ng	#	100
3) Pyridine	3.92	79	45844	39.86	ng	#	84
4) n-Nitrosodimethylamine	3.84	42	23322	38.56	ng	#	85
6) Aniline	7.43	93	43661	22.97	ng	#	88
8) 2-Chlorophenol	7.67	128	53577	45.20	ng		92
9) Benzaldehyde	7.24	77	15638	15.98	ng		90
10) Phenol	7.29	94	74694	48.36	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	49765	43.50	ng		88
12) 1,3-Dichlorobenzene	8.00	146	55010	40.94	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	56210	40.51	ng		95
14) 1,2-Dichlorobenzene	8.47	146	54478	41.16	ng		96
15) Benzyl Alcohol	8.35	79	56277	43.70	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	76080	40.78	ng		95
17) 2-Methylphenol	8.55	107	50054	45.90	ng	#	91
18) Hexachloroethane	9.21	117	20737	39.91	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	45350	39.18	ng	#	91
20) 3+4-Methylphenols	8.88	107	69643	45.35	ng		92
22) Acetophenone	8.94	105	80877	38.98	ng	#	91
24) Nitrobenzene	9.32	77	69837	43.41	ng	#	88
25) Isophorone	9.85	82	123702	38.90	ng	#	97
26) 2-Nitrophenol	10.03	139	30073	48.40	ng	#	73
27) 2,4-Dimethylphenol	10.09	122	57575	44.50	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	70801	45.57	ng		98
29) 2,4-Dichlorophenol	10.57	162	61380	46.43	ng		93
30) 1,2,4-Trichlorobenzene	10.79	180	59742	39.99	ng		95
31) Naphthalene	10.98	128	170922	42.15	ng		99
32) Benzoic acid	10.21	122	42008	48.15	ng		86
33) 4-Chloroaniline	11.09	127	26752	14.97	ng		94
34) Hexachlorobutadiene	11.26	225	42328	38.41	ng		98
35) Caprolactam	11.86	113	21582m	43.86	ng		
36) 4-Chloro-3-methylphenol	12.20	107	71472	43.42	ng		94
37) 2-Methylnaphthalene	12.58	142	130512	43.92	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	80107	38.83	ng		98
40) Hexachlorocyclopentadiene	12.93	237	87284	74.20	ng		99

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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)
42) 2,4,6-Trichlorophenol	13.18	196	57387	42.02	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	65296	45.23	ng		96
45) 1,1'-Biphenyl	13.58	154	172111	38.58	ng		99
46) 2-Chloronaphthalene	13.62	162	139228	40.49	ng		95
47) 2-Nitroaniline	13.82	65	51532	47.45	ng		90
48) Acenaphthylene	14.47	152	237155	40.49	ng		99
49) Dimethylphthalate	14.19	163	192552	39.38	ng		98
50) 2,6-Dinitrotoluene	14.31	165	42426	46.15	ng	#	76
51) Acenaphthene	14.81	154	143442	40.36	ng		99
52) 3-Nitroaniline	14.64	138	27433	28.72	ng		94
53) 2,4-Dinitrophenol	14.84	184	43419	87.73	ng	#	83
54) Dibenzofuran	15.14	168	234702	44.39	ng		93
55) 4-Nitrophenol	14.94	139	71221	85.62	ng	#	61
56) 2,4-Dinitrotoluene	15.09	165	61041	47.59	ng	#	84
57) Fluorene	15.79	166	191328	40.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	63948	47.87	ng		95
59) Diethylphthalate	15.55	149	202180	38.20	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	104592	38.49	ng		95
61) 4-Nitroaniline	15.80	138	45208	42.08	ng	#	73
62) Azobenzene	16.07	77	193125	43.86	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	35227	46.26	ng		91
65) n-Nitrosodiphenylamine	15.99	169	174066	44.13	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	69498	41.03	ng		98
67) Hexachlorobenzene	16.79	284	76159	43.17	ng		97
68) Atrazine	16.93	200	70631	41.22	ng		98
69) Pentachlorophenol	17.13	266	95758	92.99	ng		93
70) Phenanthrene	17.53	178	328933	42.65	ng		97
71) Anthracene	17.62	178	335365	42.69	ng		96
72) Carbazole	17.88	167	291595	42.14	ng		97
73) Di-n-butylphthalate	18.44	149	355952	41.97	ng		98
74) Fluoranthene	19.53	202	414155	41.99	ng		95
76) Benzidine	19.71	184	156111	28.99	ng		97
77) Pyrene	19.89	202	426331	44.21	ng		95
79) Butylbenzylphthalate	20.77	149	161100	42.62	ng		96
80) Benzo(a)anthracene	21.74	228	430644	42.92	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	107117	28.03	ng		98
82) Chrysene	21.81	228	388617	40.79	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	238977	43.08	ng		95
84) Di-n-octyl phthalate	22.87	149	410293	45.49	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.79	276	465341	44.34	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	411156	42.83	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	400265	42.10	ng	#	95
89) Benzo(a)pyrene	24.89	252	397036	43.56	ng	#	97
90) Dibenzo(a,h)anthracene	28.86	278	385272	42.79	ng	#	92
91) Benzo(g,h,i)perylene	29.96	276	377588	42.71	ng	#	93

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

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