Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019870.D
Acq On : 3 Dec 2015 14:43
Operator : UM/NP
Sample : G4583-21MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-P3WC-09(0-8)MS

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:14:20 PM

Quant Time: Dec 03 16:29:08 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	8.12	152	23587	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	101583	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	73400	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	191633	20.00	ng		0.00
75) Chrysene-d12	21.78	240	231732	20.00	ng		0.00
86) Perylene-d12	25.07	264	217739	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	198727	152.27	ng		0.00
7) Phenol-d6	7.27	99	284660	144.47	ng		0.00
23) Nitrobenzene-d5	9.29	82	210949	105.98	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	182457	162.46	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	528618	98.34	ng		0.00
78) Terphenyl-d14	20.10	244	990358	104.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	19806	38.96	ng	#	100
3) Pyridine	3.95	79	63009	40.81	ng	#	88
4) n-Nitrosodimethylamine	3.85	42	38781	47.75	ng	#	72
6) Aniline	7.45	93	83239	32.62	ng	#	83
8) 2-Chlorophenol	7.69	128	82845	52.06	ng		97
9) Benzaldehyde	7.26	77	27647	21.04	ng		88
10) Phenol	7.30	94	102619	49.48	ng		78
11) bis(2-Chloroethyl)ether	7.54	93	77263	50.31	ng		92
12) 1,3-Dichlorobenzene	8.01	146	82862	45.94	ng	#	92
13) 1,4-Dichlorobenzene	8.16	146	84041	45.11	ng		95
14) 1,2-Dichlorobenzene	8.48	146	82556	46.46	ng		95
15) Benzyl Alcohol	8.36	79	94071	54.40	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	116388	46.46	ng		93
17) 2-Methylphenol	8.56	107	76417	52.20	ng	#	89
18) Hexachloroethane	9.22	117	32139	46.07	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	73432	47.25	ng	#	87
20) 3+4-Methylphenols	8.89	107	106205	51.52	ng		91
22) Acetophenone	8.95	105	133459	47.93	ng	#	91
24) Nitrobenzene	9.34	77	113613	52.62	ng		88
25) Isophorone	9.87	82	209321	49.05	ng	#	96
26) 2-Nitrophenol	10.05	139	45559	54.64	ng	#	58
27) 2,4-Dimethylphenol	10.10	122	89991	51.82	ng		88
28) bis(2-Chloroethoxy)methane	10.35	93	113999	54.67	ng		99
29) 2,4-Dichlorophenol	10.58	162	98101	55.30	ng		96
30) 1,2,4-Trichlorobenzene	10.81	180	97858	48.81	ng		98
31) Naphthalene	11.01	128	2341795	430.33	ng	#	89
32) Benzoic acid	10.21	122	36969	33.64	ng		98
33) 4-Chloroaniline	11.10	127	17542	7.32	ng	#	89
34) Hexachlorobutadiene	11.28	225	68119	46.06	ng		97
35) Caprolactam	11.88	113	31394m	47.54	ng		
36) 4-Chloro-3-methylphenol	12.21	107	116802	52.87	ng		94
37) 2-Methylnaphthalene	12.59	142	292516	73.35	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	135102	48.50	ng		99
40) Hexachlorocyclopentadiene	12.94	237	135683	85.43	ng		97

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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	13.19	196	96787	52.48	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	105479	54.12	ng		95
45) 1,1'-Biphenyl	13.59	154	304988	50.63	ng		99
46) 2-Chloronaphthalene	13.64	162	233882	50.37	ng		97
47) 2-Nitroaniline	13.83	65	85201	58.10	ng		89
48) Acenaphthylene	14.48	152	429977	54.37	ng		99
49) Dimethylphthalate	14.21	163	328069	49.69	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	70664	56.92	ng	#	71
51) Acenaphthene	14.82	154	312501	65.12	ng		98
52) 3-Nitroaniline	14.66	138	43371	33.63	ng		93
53) 2,4-Dinitrophenol	14.86	184	52694	79.79	ng		95
54) Dibenzofuran	15.16	168	400519	56.10	ng		94
55) 4-Nitrophenol	14.95	139	115695	103.00	ng	#	59
56) 2,4-Dinitrotoluene	15.11	165	104423	60.29	ng	#	87
57) Fluorene	15.80	166	349210	54.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	107192	59.43	ng		97
59) Diethylphthalate	15.57	149	355559	49.76	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	180500	49.20	ng		97
61) 4-Nitroaniline	15.81	138	78374	54.03	ng	#	72
62) Azobenzene	16.08	77	331554	55.76	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	49235	46.02	ng		92
65) n-Nitrosodiphenylamine	16.01	169	299729	54.05	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	122157	51.30	ng		95
67) Hexachlorobenzene	16.80	284	135047	54.44	ng		98
68) Atrazine	16.95	200	129637	53.81	ng		95
69) Pentachlorophenol	17.14	266	151586	104.70	ng		98
70) Phenanthrene	17.54	178	646553	59.63	ng		97
71) Anthracene	17.64	178	592707	53.67	ng		97
72) Carbazole	17.90	167	535577	55.05	ng		98
73) Di-n-butylphthalate	18.46	149	621575	52.13	ng		98
74) Fluoranthene	19.54	202	728704	52.55	ng		95
76) Benzidine	19.72	184	118409	15.56	ng		96
77) Pyrene	19.90	202	746435	54.75	ng		98
79) Butylbenzylphthalate	20.79	149	283120	52.98	ng		94
80) Benzo(a)anthracene	21.76	228	748894	52.79	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	148217	27.44	ng	#	97
82) Chrysene	21.83	228	685458	50.89	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	410752	52.38	ng		97
84) Di-n-octyl phthalate	22.92	149	688742	54.02	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	839554	56.59	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	741981	53.77	ng	#	95
88) Benzo(k)fluoranthene	24.10	252	693005	50.71	ng	#	94
89) Benzo(a)pyrene	24.93	252	694292	52.99	ng	#	96
90) Dibenzo(a,h)anthracene	28.93	278	698031	53.93	ng	#	92
91) Benzo(g,h,i)perylene	30.04	276	691129	54.38	ng	#	90

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

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