Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
Data File : BG023949.D
Acq On : 6 Sep 2016 16:16
Operator : UM/SJ
Sample : PB93238BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93238BS

Quant Time: Sep 06 17:20:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	43275	20.00	ng		-0.02
21) Naphthalene-d8	10.90	136	191144	20.00	ng		-0.03
38) Acenaphthene-d10	14.74	164	139156	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	364845	20.00	ng		-0.02
75) Chrysene-d12	21.82	240	410793	20.00	ng		-0.03
86) Perylene-d12	25.17	264	409693	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	361818	146.79	ng		-0.02
7) Phenol-d6	7.23	99	533976	140.73	ng		-0.03
23) Nitrobenzene-d5	9.24	82	394867	92.23	ng		-0.03
41) 2,4,6-Tribromophenol	16.24	330	311718	124.33	ng		-0.02
44) 2-Fluorobiphenyl	13.35	172	826086	85.11	ng		-0.02
78) Terphenyl-d14	20.11	244	1522806	84.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	40787	40.12	ng		94
3) Pyridine	3.88	79	129723	42.46	ng		97
4) n-Nitrosodimethylamine	3.79	42	82720	51.37	ng	#	86
6) Aniline	7.39	93	137967	27.39	ng		97
8) 2-Chlorophenol	7.63	128	125942	44.10	ng		97
9) Benzaldehyde	7.21	77	24726	9.17	ng		96
10) Phenol	7.26	94	183077	45.86	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	126262	40.20	ng		93
12) 1,3-Dichlorobenzene	7.95	146	141645	42.38	ng		94
13) 1,4-Dichlorobenzene	8.10	146	148128	41.84	ng		98
14) 1,2-Dichlorobenzene	8.42	146	140638	42.32	ng		97
15) Benzyl Alcohol	8.32	79	160686	48.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	163056	38.74	ng		95
17) 2-Methylphenol	8.53	107	121657	45.24	ng		96
18) Hexachloroethane	9.15	117	61119	44.83	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	135738	40.49	ng		93
20) 3+4-Methylphenols	8.86	107	170590	45.52	ng		96
22) Acetophenone	8.90	105	198067	40.02	ng	#	97
24) Nitrobenzene	9.29	77	211514	45.94	ng		98
25) Isophorone	9.81	82	359925	43.35	ng	#	95
26) 2-Nitrophenol	10.01	139	80245	45.85	ng		94
27) 2,4-Dimethylphenol	10.07	122	138541	46.57	ng		95
28) bis(2-Chloroethoxy)methane	10.30	93	183411	43.75	ng		96
29) 2,4-Dichlorophenol	10.56	162	157267	49.90	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	157432	45.55	ng		97
31) Naphthalene	10.95	128	418181	42.46	ng		100
32) Benzoic acid	10.22	122	40529	16.78	ng		92
33) 4-Chloroaniline	11.08	127	69044	16.79	ng		98
34) Hexachlorobutadiene	11.22	225	120804	46.53	ng		94
35) Caprolactam	11.89	113	49335m	44.42	ng		
36) 4-Chloro-3-methylphenol	12.20	107	184992	43.93	ng		96
37) 2-Methylnaphthalene	12.56	142	329245	43.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	184248	39.89	ng		99
40) Hexachlorocyclopentadiene	12.89	237	249015	88.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	139597	45.29	ng		94
43) 2,4,5-Trichlorophenol	13.26	196	143808	46.15	ng		89
45) 1,1'-Biphenyl	13.56	154	408247	36.47	ng		97
46) 2-Chloronaphthalene	13.61	162	358705	43.65	ng		97
47) 2-Nitroaniline	13.83	65	153393	47.39	ng		99
48) Acenaphthylene	14.46	152	569734	41.60	ng		97
49) Dimethylphthalate	14.19	163	504132	42.25	ng		98
50) 2,6-Dinitrotoluene	14.32	165	109881	43.62	ng		99
51) Acenaphthene	14.80	154	365918	43.21	ng		97
52) 3-Nitroaniline	14.67	138	57202	24.28	ng		93
53) 2,4-Dinitrophenol	14.88	184	108517	60.64	ng	#	84
54) Dibenzofuran	15.14	168	608225	46.02	ng		98
55) 4-Nitrophenol	14.99	139	156240	83.35	ng		88
56) 2,4-Dinitrotoluene	15.12	165	162329	43.84	ng		92
57) Fluorene	15.79	166	494878	43.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	159112	50.31	ng		97
59) Diethylphthalate	15.55	149	547760	43.00	ng		100
60) 4-Chlorophenyl-phenylether	15.78	204	271981	44.08	ng		96
61) 4-Nitroaniline	15.84	138	103851	43.60	ng		92
62) Azobenzene	16.08	77	595200	48.24	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	101954	40.25	ng		89
65) n-Nitrosodiphenylamine	16.00	169	463619	44.74	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	201917	45.49	ng		99
67) Hexachlorobenzene	16.80	284	210510	40.44	ng		95
68) Atrazine	16.95	200	196059	43.97	ng		98
69) Pentachlorophenol	17.16	266	211995	76.67	ng		98
70) Phenanthrene	17.54	178	860992	45.36	ng		98
71) Anthracene	17.64	178	858216	44.33	ng		96
72) Carbazole	17.92	167	772058	43.95	ng		97
73) Di-n-butylphthalate	18.45	149	912245	43.52	ng		97
74) Fluoranthene	19.56	202	1056178	46.22	ng		96
76) Benzidine	19.75	184	411254	32.33	ng		98
77) Pyrene	19.92	202	1053676	41.71	ng		93
79) Butylbenzylphthalate	20.80	149	420279	43.15	ng		96
80) Benzo(a)anthracene	21.80	228	1060045	46.10	ng		92
81) 3,3'-Dichlorobenzidine	21.71	252	221122	24.06	ng		99
82) Chrysene	21.86	228	986668	45.08	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	569304	42.69	ng		97
84) Di-n-octyl phthalate	22.92	149	950174	43.45	ng		99
85) Indeno(1,2,3-cd)pyrene	29.02	276	1163104	47.99	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	1070675	46.00	ng		99
88) Benzo(k)fluoranthene	24.17	252	1048371	45.43	ng		99
89) Benzo(a)pyrene	25.00	252	1015284	45.94	ng		95
90) Dibenzo(a,h)anthracene	29.06	278	975456	44.88	ng	#	97
91) Benzo(g,h,i)perylene	30.22	276	974276	46.61	ng		99

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

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