Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
Data File : BG023958.D
Acq On : 7 Sep 2016 18:25
Operator : UM/SJ
Sample : PB93285BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB93285BS

Manual Integrations APPROVED
sohil
9/8/2016 9:47:25 AM

Quant Time: Sep 08 09:02:38 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	37973	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	178917	20.00	ng		-0.04
38) Acenaphthene-d10	14.74	164	141994	20.00	ng		-0.02
63) Phenanthrene-d10	17.51	188	368322	20.00	ng		-0.02
75) Chrysene-d12	21.81	240	398842	20.00	ng		-0.03
86) Perylene-d12	25.17	264	396514	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	343225	158.69	ng		-0.02
7) Phenol-d6	7.24	99	500285	150.26	ng		-0.02
23) Nitrobenzene-d5	9.25	82	387523	96.70	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	344792	134.78	ng		-0.02
44) 2-Fluorobiphenyl	13.35	172	862437	87.08	ng		-0.02
78) Terphenyl-d14	20.12	244	1610354	91.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	34972	39.21	ng		93
3) Pyridine	3.88	79	118794	44.31	ng		96
4) n-Nitrosodimethylamine	3.80	42	76280	53.98	ng	#	82
6) Aniline	7.39	93	139304	31.52	ng		97
8) 2-Chlorophenol	7.63	128	119174	47.56	ng		92
9) Benzaldehyde	7.21	77	20507	8.67	ng	#	80
10) Phenol	7.26	94	178308	50.91	ng		86
11) bis(2-Chloroethyl)ether	7.48	93	119069	43.21	ng		93
12) 1,3-Dichlorobenzene	7.95	146	132977	45.34	ng		96
13) 1,4-Dichlorobenzene	8.10	146	137877	44.38	ng		92
14) 1,2-Dichlorobenzene	8.42	146	132402	45.40	ng		92
15) Benzyl Alcohol	8.31	79	163710	55.77	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	157757	42.71	ng		94
17) 2-Methylphenol	8.53	107	119330	50.57	ng		95
18) Hexachloroethane	9.15	117	56552	47.27	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	138005	46.92	ng		93
20) 3+4-Methylphenols	8.86	107	169156	51.44	ng		97
22) Acetophenone	8.90	105	193121	41.69	ng	#	95
24) Nitrobenzene	9.29	77	209426	48.60	ng		98
25) Isophorone	9.81	82	360731	46.42	ng		96
26) 2-Nitrophenol	10.01	139	79130	48.30	ng		95
27) 2,4-Dimethylphenol	10.07	122	142136	51.05	ng		91
28) bis(2-Chloroethoxy)methane	10.29	93	190064	48.43	ng		97
29) 2,4-Dichlorophenol	10.56	162	156307	52.99	ng		93
30) 1,2,4-Trichlorobenzene	10.76	180	151713	46.89	ng		96
31) Naphthalene	10.95	128	415489	45.07	ng		98
32) Benzoic acid	10.23	122	62997	27.86	ng		94
33) 4-Chloroaniline	11.07	127	72529	18.84	ng		96
34) Hexachlorobutadiene	11.22	225	120175	49.45	ng		95
35) Caprolactam	11.87	113	51551m	49.58	ng		
36) 4-Chloro-3-methylphenol	12.20	107	196124	49.75	ng		96
37) 2-Methylnaphthalene	12.56	142	331318	47.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	190956	40.52	ng		98
40) Hexachlorocyclopentadiene	12.90	237	257954	89.87	ng		96

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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)
42) 2,4,6-Trichlorophenol	13.17	196	145834	46.37	ng		95
43) 2,4,5-Trichlorophenol	13.26	196	156499	49.22	ng		91
45) 1,1'-Biphenyl	13.57	154	429170	37.58	ng		99
46) 2-Chloronaphthalene	13.61	162	378882	45.19	ng		99
47) 2-Nitroaniline	13.83	65	171933	52.06	ng		97
48) Acenaphthylene	14.46	152	617772	44.20	ng		97
49) Dimethylphthalate	14.19	163	550261	45.19	ng		98
50) 2,6-Dinitrotoluene	14.32	165	118124	45.96	ng		97
51) Acenaphthene	14.80	154	394730	45.68	ng		97
52) 3-Nitroaniline	14.66	138	63619	26.46	ng	#	87
53) 2,4-Dinitrophenol	14.88	184	143464	76.64	ng	#	86
54) Dibenzofuran	15.14	168	656519	48.68	ng		97
55) 4-Nitrophenol	14.99	139	166276	86.93	ng		86
56) 2,4-Dinitrotoluene	15.12	165	181752	48.11	ng	#	81
57) Fluorene	15.79	166	543937	46.51	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	170302	52.77	ng		95
59) Diethylphthalate	15.55	149	589751	45.37	ng		97
60) 4-Chlorophenyl-phenylether	15.77	204	293789	46.67	ng		94
61) 4-Nitroaniline	15.84	138	122751	50.51	ng		94
62) Azobenzene	16.07	77	655053	52.03	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	113302	44.31	ng		83
65) n-Nitrosodiphenylamine	16.00	169	502429	48.03	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	217165	48.46	ng		98
67) Hexachlorobenzene	16.80	284	229111	43.59	ng		94
68) Atrazine	16.95	200	217928	48.42	ng		97
69) Pentachlorophenol	17.16	266	235153	84.24	ng		98
70) Phenanthrene	17.55	178	941051	49.11	ng		97
71) Anthracene	17.64	178	955716	48.90	ng		98
72) Carbazole	17.92	167	837823	47.24	ng		97
73) Di-n-butylphthalate	18.45	149	1025412	48.46	ng		97
74) Fluoranthene	19.56	202	1163664	50.44	ng		96
76) Benzidine	19.75	184	429375	34.77	ng		99
77) Pyrene	19.93	202	1165256	47.50	ng		93
79) Butylbenzylphthalate	20.80	149	451970	47.80	ng		99
80) Benzo(a)anthracene	21.80	228	1146047	51.33	ng		95
81) 3,3'-Dichlorobenzidine	21.71	252	235895	26.43	ng	#	97
82) Chrysene	21.87	228	1043658	49.11	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	610258	47.14	ng		96
84) Di-n-octyl phthalate	22.92	149	1039173	48.94	ng		100
85) Indeno(1,2,3-cd)pyrene	29.02	276	1275698	54.22	ng	#	100
87) Benzo(b)fluoranthene	24.10	252	1177800	52.29	ng		97
88) Benzo(k)fluoranthene	24.17	252	1107172	49.57	ng	#	98
89) Benzo(a)pyrene	25.01	252	1106929	51.75	ng		99
90) Dibenzo(a,h)anthracene	29.07	278	1051652	49.99	ng	#	95
91) Benzo(g,h,i)perylene	30.21	276	1058419	52.32	ng	#	96

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

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