Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032606.D
Acq On : 7 Feb 2018 22:51
Operator : SJ/JU
Sample : PB106365BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 08 03:46:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB106365BS

Manual Integrations APPROVED
Sohil
2/8/2018 3:36:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	17629	20.00	ng		-0.02
21) Naphthalene-d8	11.56	136	73544	20.00	ng		-0.02
38) Acenaphthene-d10	15.33	164	53567	20.00	ng		-0.02
63) Phenanthrene-d10	18.06	188	138522	20.00	ng		-0.01
75) Chrysene-d12	22.40	240	183334	20.00	ng		0.00
86) Perylene-d12	26.07	264	209019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	123087	140.24	ng		-0.02
7) Phenol-d6	7.81	99	135139	115.38	ng		-0.02
23) Nitrobenzene-d5	9.88	82	96619	82.06	ng		-0.03
41) 2,4,6-Tribromophenol	16.81	330	150397	147.50	ng		-0.01
44) 2-Fluorobiphenyl	13.95	172	295479	65.56	ng		-0.02
78) Terphenyl-d14	20.61	244	778474	90.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	9782	33.125	ng	#	72
3) Pyridine	4.24	79	27508	34.498	ng	#	78
4) n-Nitrosodimethylamine	4.15	42	16373	39.445	ng	#	79
6) Aniline	7.98	93	20160	13.806	ng	#	83
8) 2-Chlorophenol	8.24	128	49297	47.516	ng		82
9) Benzaldehyde	7.79	77	6552	10.831	ng	#	80
10) Phenol	7.84	94	45691	41.080	ng		93
11) bis(2-Chloroethyl)ether	8.07	93	37075	43.748	ng	#	75
12) 1,3-Dichlorobenzene	8.57	146	55439	39.513	ng		91
13) 1,4-Dichlorobenzene	8.72	146	56806	40.395	ng		96
14) 1,2-Dichlorobenzene	9.05	146	58838	42.710	ng		95
15) Benzyl Alcohol	8.93	79	40354	41.806	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.20	45	31997	39.845	ng		63
17) 2-Methylphenol	9.13	107	32977	36.506	ng		97
18) Hexachloroethane	9.80	117	20386	43.177	ng		88
19) n-Nitroso-di-n-propylamine	9.50	70	29957	38.576	ng	#	89
20) 3+4-Methylphenols	9.46	107	50410	39.783	ng		95
22) Acetophenone	9.53	105	64290	37.292	ng	#	93
24) Nitrobenzene	9.93	77	45068	39.583	ng	#	93
25) Isophorone	10.44	82	83409	41.603	ng	#	82
26) 2-Nitrophenol	10.65	139	30164	43.826	ng	#	75
27) 2,4-Dimethylphenol	10.69	122	39916	40.406	ng		96
28) bis(2-Chloroethoxy)methane	10.93	93	51441	46.790	ng		99
29) 2,4-Dichlorophenol	11.20	162	58582	44.765	ng		87
30) 1,2,4-Trichlorobenzene	11.41	180	66125	37.911	ng		98
31) Naphthalene	11.61	128	156191	43.484	ng		98
32) Benzoic acid	10.77	122	4564m	12.537	ng		
33) 4-Chloroaniline	11.72	127	22355	13.954	ng		92
34) Hexachlorobutadiene	11.88	225	38307	28.228	ng		98
35) Caprolactam	12.47	113	13013	34.639	ng	#	35
36) 4-Chloro-3-methylphenol	12.80	107	43549	35.083	ng	#	86
37) 2-Methylnaphthalene	13.18	142	104809	34.732	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	74081	29.561	ng		98
40) Hexachlorocyclopentadiene	13.51	237	110429	70.526	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.77	196	45101	33.087	ng		97
43) 2,4,5-Trichlorophenol	13.85	196	53624	33.746	ng	#	87
45) 1,1'-Biphenyl	14.16	154	153183	33.848	ng		90
46) 2-Chloronaphthalene	14.22	162	136887	38.591	ng		98
47) 2-Nitroaniline	14.41	65	31636	40.331	ng	#	73
48) Acenaphthylene	15.05	152	209442	39.058	ng		97
49) Dimethylphthalate	14.76	163	198118	40.112	ng		98
50) 2,6-Dinitrotoluene	14.89	165	44818	43.233	ng	#	79
51) Acenaphthene	15.39	154	145313	39.074	ng		97
52) 3-Nitroaniline	15.23	138	19218	21.224	ng	#	73
53) 2,4-Dinitrophenol	15.45	184	4756m	11.077	ng		
54) Dibenzofuran	15.72	168	240880	43.762	ng		96
55) 4-Nitrophenol	15.52	139	57593	84.959	ng	#	74
56) 2,4-Dinitrotoluene	15.67	165	62561	42.385	ng	#	66
57) Fluorene	16.37	166	207047	45.267	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.94	232	60848	38.825	ng	#	86
59) Diethylphthalate	16.10	149	211909	44.052	ng		98
60) 4-Chlorophenyl-phenylether	16.34	204	125822	43.623	ng		95
61) 4-Nitroaniline	16.38	138	39143	40.332	ng		89
62) Azobenzene	16.64	77	126809	44.111	ng		83
64) 4,6-Dinitro-2-methylphenol	16.43	198	7086	6.847	ng		91
65) n-Nitrosodiphenylamine	16.56	169	190127	45.991	ng		99
66) 4-Bromophenyl-phenylether	17.24	248	88634	43.190	ng		95
67) Hexachlorobenzene	17.37	284	103542	45.592	ng	#	91
68) Atrazine	17.48	200	84424	47.573	ng		91
69) Pentachlorophenol	17.71	266	62628	44.021	ng		98
70) Phenanthrene	18.11	178	336705	43.587	ng		98
71) Anthracene	18.20	178	356965	46.408	ng		98
72) Carbazole	18.46	167	230760	33.955	ng		97
73) Di-n-butylphthalate	18.97	149	341309	45.360	ng		100
74) Fluoranthene	20.07	202	386571	38.158	ng		96
76) Benzidine	20.24	184	100780	27.995	ng		99
77) Pyrene	20.43	202	457369	40.674	ng		100
79) Butylbenzylphthalate	21.29	149	151861	42.816	ng	#	77
80) Benzo(a)anthracene	22.38	228	470528	41.399	ng		97
81) 3,3'-Dichlorobenzidine	22.27	252	87696	19.915	ng	#	98
82) Chrysene	22.45	228	456966	41.632	ng		97
83) Bis(2-ethylhexyl)phthalate	22.22	149	217666	43.282	ng	#	98
84) Di-n-octyl phthalate	23.59	149	377078	47.273	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.33	276	653899	47.093	ng	#	85
87) Benzo(b)fluoranthene	24.89	252	442771	35.059	ng	#	96
88) Benzo(k)fluoranthene	24.97	252	478513	38.247	ng	#	95
89) Benzo(a)pyrene	25.90	252	508333	42.219	ng	#	96
90) Dibenzo(a,h)anthracene	30.40	278	541158	43.936	ng	#	93
91) Benzo(g,h,i)perylene	31.67	276	537782	43.988	ng	#	91

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

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