Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036997.D
Acq On : 27 Sep 2018 1:01
Operator : JU/SJ
Sample : PB113230BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113230BSD

Manual Integrations APPROVED
Sohil
9/27/2018 1:37:50 PM

Quant Time: Sep 27 08:47:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45708	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	190049	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	121709	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	306496	20.00	ng		0.00
75) Chrysene-d12	21.68	240	311683	20.00	ng		0.00
86) Perylene-d12	24.89	264	320423	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	347080	145.63	ng		0.00
7) Phenol-d6	7.21	99	495452	134.36	ng		0.00
23) Nitrobenzene-d5	9.21	82	315501	88.90	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	199293	136.86	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	690566	84.51	ng		0.00
78) Terphenyl-d14	20.02	244	1162713	98.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47952	43.969	ng		95
3) Pyridine	3.91	79	137647	43.711	ng		98
4) n-Nitrosodimethylamine	3.83	42	79146	56.549	ng	#	98
6) Aniline	7.37	93	153185	32.015	ng		98
8) 2-Chlorophenol	7.61	128	146102	52.794	ng		94
9) Benzaldehyde	7.18	77	91459	37.535	ng		99
10) Phenol	7.23	94	195556	51.385	ng		93
11) bis(2-Chloroethyl)ether	7.46	93	144189	40.959	ng		96
12) 1,3-Dichlorobenzene	7.93	146	149820	44.158	ng		98
13) 1,4-Dichlorobenzene	8.08	146	152233	43.846	ng		99
14) 1,2-Dichlorobenzene	8.40	146	148210	44.049	ng		97
15) Benzyl Alcohol	8.28	79	137646	46.004	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	303315	44.879	ng		97
17) 2-Methylphenol	8.48	107	129152	48.720	ng		97
18) Hexachloroethane	9.12	117	59392	46.483	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	125415	40.884	ng		99
20) 3+4-Methylphenols	8.81	107	180708	49.001	ng		99
22) Acetophenone	8.87	105	227697	50.983	ng	#	96
24) Nitrobenzene	9.25	77	185163	48.857	ng		98
25) Isophorone	9.76	82	350249	54.012	ng		99
26) 2-Nitrophenol	9.96	139	81422	53.899	ng		98
27) 2,4-Dimethylphenol	10.01	122	138310	58.777	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	198917	49.712	ng		98
29) 2,4-Dichlorophenol	10.49	162	153613	56.313	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	158049	46.298	ng		98
31) Naphthalene	10.90	128	458703	50.726	ng		99
32) Benzoic acid	10.15	122	57710m	33.948	ng		
33) 4-Chloroaniline	11.01	127	95800	23.301	ng		98
34) Hexachlorobutadiene	11.18	225	108370	45.905	ng		99
35) Caprolactam	11.79	113	57440m	51.161	ng		
36) 4-Chloro-3-methylphenol	12.12	107	175862	54.031	ng		94
37) 2-Methylnaphthalene	12.50	142	348914	50.662	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	200840	47.312	ng		98
40) Hexachlorocyclopentadiene	12.84	237	239330	109.623	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036997.D
Acq On : 27 Sep 2018 1:01
Operator : JU/SJ
Sample : PB113230BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113230BSD

Manual Integrations APPROVED
Sohil
9/27/2018 1:37:50 PM

Quant Time: Sep 27 08:47:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	131768	55.899	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	144423	57.457	ng		99
45) 1,1'-Biphenyl	13.50	154	456179	48.940	ng		98
46) 2-Chloronaphthalene	13.55	162	352455	48.082	ng		99
47) 2-Nitroaniline	13.75	65	137755	54.332	ng		97
48) Acenaphthylene	14.39	152	603082	52.503	ng		99
49) Dimethylphthalate	14.12	163	484935	49.500	ng		99
50) 2,6-Dinitrotoluene	14.24	165	106531	49.840	ng		96
51) Acenaphthene	14.74	154	343190	49.435	ng		99
52) 3-Nitroaniline	14.58	138	74087	32.893	ng		95
53) 2,4-Dinitrophenol	14.78	184	36502	40.604	ng	#	80
54) Dibenzofuran	15.06	168	570918	48.619	ng		99
55) 4-Nitrophenol	14.88	139	156427	108.712	ng		92
56) 2,4-Dinitrotoluene	15.03	165	155746	52.218	ng		94
57) Fluorene	15.72	166	461320	52.561	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	150571	59.051	ng		95
59) Diethylphthalate	15.48	149	486574	49.243	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	259184	46.630	ng		98
61) 4-Nitroaniline	15.74	138	115927	48.931	ng		95
62) Azobenzene	16.00	77	495585	52.199	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	59009	36.825	ng		95
65) n-Nitrosodiphenylamine	15.92	169	420223	49.663	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	167483	48.041	ng		96
67) Hexachlorobenzene	16.72	284	170768	47.560	ng		97
68) Atrazine	16.87	200	178794	52.186	ng		98
69) Pentachlorophenol	17.06	266	179750	79.513	ng		97
70) Phenanthrene	17.46	178	775814	52.527	ng		98
71) Anthracene	17.54	178	794281	54.386	ng		99
72) Carbazole	17.81	167	698524	49.055	ng		98
73) Di-n-butylphthalate	18.37	149	807059	51.036	ng		99
74) Fluoranthene	19.46	202	942379	53.006	ng		99
76) Benzidine	19.64	184	382835	40.632	ng		98
77) Pyrene	19.82	202	927655	49.598	ng		99
79) Butylbenzylphthalate	20.71	149	384596	51.588	ng		98
80) Benzo(a)anthracene	21.66	228	933944	51.331	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	238582	34.450	ng		97
82) Chrysene	21.73	228	871722	49.588	ng		100
83) Bis(2-ethylhexyl)phthalate	21.56	149	528289	50.726	ng		99
84) Di-n-octyl phthalate	22.77	149	883475	51.522	ng		100
85) Indeno(1,2,3-cd)pyrene	28.54	276	1036444	54.904	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	894797	52.400	ng		97
88) Benzo(k)fluoranthene	23.94	252	900886	52.585	ng		99
89) Benzo(a)pyrene	24.74	252	889227	53.864	ng		100
90) Dibenzo(a,h)anthracene	28.60	278	837948	54.158	ng		98
91) Benzo(g,h,i)perylene	29.68	276	857628	55.231	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036997.D
Acq On : 27 Sep 2018 1:01
Operator : JU/SJ
Sample : PB113230BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 27 08:47:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB113230BSD

Manual Integrations APPROVED
Sohil
9/27/2018 1:37:50 PM