Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036622.D
Acq On : 8 Sep 2018 7:59
Operator : JU/SJ
Sample : J4774-02MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-090618MSD

Quant Time: Sep 10 01:09:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58409	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	243948	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	166026	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	430105	20.00	ng		0.00
75) Chrysene-d12	21.69	240	430459	20.00	ng		0.00
86) Perylene-d12	24.90	264	440553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	380715	103.40	ng		0.00
7) Phenol-d6	7.21	99	491201	93.17	ng		0.00
23) Nitrobenzene-d5	9.22	82	369944	82.28	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	254511	128.47	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	861144	74.06	ng		0.00
78) Terphenyl-d14	20.03	244	1477669	80.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50560	29.423	ng	#	87
3) Pyridine	3.94	79	144687	29.997	ng		98
4) n-Nitrosodimethylamine	3.84	42	76956	35.821	ng		95
6) Aniline	7.38	93	148298	22.162	ng		93
8) 2-Chlorophenol	7.62	128	167096	41.847	ng		97
9) Benzaldehyde	7.19	77	91398	25.176	ng		98
10) Phenol	7.24	94	199092	36.088	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	166388	38.042	ng		98
12) 1,3-Dichlorobenzene	7.94	146	173435	38.039	ng		96
13) 1,4-Dichlorobenzene	8.09	146	175476	38.119	ng		99
14) 1,2-Dichlorobenzene	8.41	146	171236	38.950	ng		96
15) Benzyl Alcohol	8.29	79	167371	39.383	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	311827	35.353	ng		99
17) 2-Methylphenol	8.49	107	152819	41.717	ng		97
18) Hexachloroethane	9.14	117	64904	39.325	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	147129	37.343	ng		93
20) 3+4-Methylphenols	8.82	107	213607	41.766	ng		97
22) Acetophenone	8.88	105	271262	42.345	ng	#	98
24) Nitrobenzene	9.26	77	216611	44.677	ng		95
25) Isophorone	9.78	82	415802	46.553	ng		98
26) 2-Nitrophenol	9.97	139	97182	50.583	ng		96
27) 2,4-Dimethylphenol	10.03	122	172861	48.598	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	238084	43.432	ng		99
29) 2,4-Dichlorophenol	10.50	162	193830	49.722	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	192745	42.266	ng		98
31) Naphthalene	10.91	128	565624	46.383	ng		99
32) Benzoic acid	10.09	122	10990	8.258	ng	#	76
33) 4-Chloroaniline	11.02	127	37593	6.727	ng		97
34) Hexachlorobutadiene	11.20	225	128933	42.080	ng		97
35) Caprolactam	11.78	113	51900	33.421	ng	#	90
36) 4-Chloro-3-methylphenol	12.13	107	216065	47.701	ng		99
37) 2-Methylnaphthalene	12.51	142	428227	47.992	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	247023	42.043	ng		98
40) Hexachlorocyclopentadiene	12.85	237	257757	84.317	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036622.D
Acq On : 8 Sep 2018 7:59
Operator : JU/SJ
Sample : J4774-02MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-090618MSD

Quant Time: Sep 10 01:09:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	170045	47.511 ng		99
43) 2,4,5-Trichlorophenol	13.18	196	185812	48.675 ng		99
45) 1,1'-Biphenyl	13.51	154	562357	40.805 ng		99
46) 2-Chloronaphthalene	13.56	162	438061	41.637 ng		99
47) 2-Nitroaniline	13.76	65	161895	49.003 ng		94
48) Acenaphthylene	14.41	152	738866	44.936 ng		100
49) Dimethylphthalate	14.14	163	605888	44.692 ng		100
50) 2,6-Dinitrotoluene	14.25	165	134695	48.284 ng		94
51) Acenaphthene	14.75	154	443356	42.102 ng		98
52) 3-Nitroaniline	14.58	138	81294	27.042 ng		99
53) 2,4-Dinitrophenol	14.78	184	11507	10.890 ng		96
54) Dibenzofuran	15.08	168	719519	43.613 ng		99
55) 4-Nitrophenol	14.88	139	128226	52.168 ng		97
56) 2,4-Dinitrotoluene	15.03	165	189991	52.256 ng		93
57) Fluorene	15.73	166	581804	47.174 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	174806	48.738 ng		93
59) Diethylphthalate	15.49	149	598409	43.799 ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	330411	43.386 ng		98
61) 4-Nitroaniline	15.75	138	145668	46.306 ng		93
62) Azobenzene	16.01	77	582978	41.937 ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	20907	11.066 ng		95
65) n-Nitrosodiphenylamine	15.93	169	531477	41.587 ng		100
66) 4-Bromophenyl-phenylether	16.61	248	222840	44.252 ng		100
67) Hexachlorobenzene	16.73	284	225721	43.837 ng		98
68) Atrazine	16.88	200	228822	47.702 ng		98
69) Pentachlorophenol	17.07	266	116213	33.208 ng		99
70) Phenanthrene	17.47	178	979148	44.802 ng		97
71) Anthracene	17.55	178	1001076	45.952 ng		99
72) Carbazole	17.83	167	880318	40.462 ng		99
73) Di-n-butylphthalate	18.38	149	1008107	41.610 ng		99
74) Fluoranthene	19.47	202	1186582	44.532 ng		99
76) Benzidine	19.65	184	226913	16.523 ng		99
77) Pyrene	19.83	202	1168937	44.160 ng		98
79) Butylbenzylphthalate	20.72	149	459527	43.621 ng		95
80) Benzo(a)anthracene	21.67	228	1175384	45.072 ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	216228	20.805 ng		98
82) Chrysene	21.74	228	1096100	44.344 ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	618597	41.963 ng		99
84) Di-n-octyl phthalate	22.79	149	1045510	42.461 ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1161097	40.442 ng	#	96
87) Benzo(b)fluoranthene	23.88	252	1152435	47.107 ng		97
88) Benzo(k)fluoranthene	23.95	252	1155680	48.354 ng		99
89) Benzo(a)pyrene	24.75	252	1131153	48.117 ng		99
90) Dibenzo(a,h)anthracene	28.61	278	910030	40.099 ng		97
91) Benzo(g,h,i)perylene	29.69	276	905902	39.722 ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036622.D
Acq On : 8 Sep 2018 7:59
Operator : JU/SJ
Sample : J4774-02MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-090618MSD

Quant Time: Sep 10 01:09:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration