Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040873.D
Acq On : 11 May 2019 14:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 11 15:21:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	62134	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	273940	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	204179	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	510861	20.00	ng		-0.03
76) Chrysene-d12	21.80	240	518159	20.00	ng		-0.03
87) Perylene-d12	25.15	264	564245	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	287591	81.59	ng		-0.02
7) Phenol-d6	7.27	99	442376	81.51	ng		-0.02
23) Nitrobenzene-d5	9.32	82	516299	87.09	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	266279	94.88	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	1162148	82.20	ng		-0.03
79) Terphenyl-d14	20.10	244	1958055	83.72	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	61535	38.387	ng		91
3) Pyridine	3.94	79	184333	39.672	ng		94
4) n-Nitrosodimethylamine	3.86	42	97566	37.857	ng	#	92
6) Aniline	7.46	93	282992	39.340	ng		99
8) 2-Chlorophenol	7.69	128	178078	41.376	ng		94
9) Benzaldehyde	7.27	77	128213	39.148	ng		95
10) Phenol	7.30	94	236687	40.571	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	177370	40.544	ng		94
12) 1,3-Dichlorobenzene	8.02	146	196482	41.825	ng		95
13) 1,4-Dichlorobenzene	8.17	146	200608	42.125	ng		97
14) 1,2-Dichlorobenzene	8.49	146	190948	41.577	ng		98
15) Benzyl Alcohol	8.37	79	215400	38.144	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	290909	33.400	ng		96
17) 2-Methylphenol	8.56	107	166761	40.391	ng		93
18) Hexachloroethane	9.22	117	80704	41.313	ng		96
19) n-Nitroso-di-n-propylamine	8.94	70	186017	38.076	ng		96
20) 3+4-Methylphenols	8.89	107	238080	41.395	ng		99
22) Acetophenone	8.96	105	319310	41.918	ng	#	94
24) Nitrobenzene	9.36	77	270934	42.832	ng		93
25) Isophorone	9.87	82	517756	39.206	ng		99
26) 2-Nitrophenol	10.07	139	120123	52.978	ng		96
27) 2,4-Dimethylphenol	10.10	122	172619	40.575	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	262393	39.602	ng		99
29) 2,4-Dichlorophenol	10.59	162	218154	45.105	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	242992	45.305	ng		100
31) Naphthalene	11.01	128	601680	41.342	ng		99
32) Benzoic acid	10.25	122	150773	51.769	ng		96
33) 4-Chloroaniline	11.11	127	269956	41.836	ng		95
34) Hexachlorobutadiene	11.27	225	189513	47.860	ng		99
35) Caprolactam	11.91	113	79222	41.488	ng		92
36) 4-Chloro-3-methylphenol	12.22	107	253828	41.601	ng		96
37) 2-Methylnaphthalene	12.61	142	452792	41.612	ng		100
38) 1-Methylnaphthalene	12.82	142	445510	41.887	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	338807	44.544	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040873.D
Acq On : 11 May 2019 14:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 11 15:21:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	202586	45.137	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	209887	45.663	ng		98
44) 2,4,5-Trichlorophenol	13.27	196	226365	45.208	ng		97
46) 1,1'-Biphenyl	13.60	154	635872	40.111	ng		96
47) 2-Chloronaphthalene	13.65	162	508025	40.950	ng		97
48) 2-Nitroaniline	13.86	65	193557	43.830	ng		92
49) Acenaphthylene	14.49	152	820801	38.996	ng		99
50) Dimethylphthalate	14.22	163	701886	41.086	ng		98
51) 2,6-Dinitrotoluene	14.35	165	156466	46.929	ng		90
52) Acenaphthene	14.83	154	472839	38.574	ng		96
53) 3-Nitroaniline	14.68	138	151039	44.213	ng	#	95
54) 2,4-Dinitrophenol	14.87	184	103734	57.343	ng		88
55) Dibenzofuran	15.16	168	819107	40.797	ng		99
56) 4-Nitrophenol	14.96	139	128051	43.228	ng		90
57) 2,4-Dinitrotoluene	15.13	165	227879	50.298	ng		87
58) Fluorene	15.81	166	643724	39.668	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	226915	45.025	ng		96
60) Diethylphthalate	15.57	149	718150	39.843	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	413442	43.805	ng		95
62) 4-Nitroaniline	15.84	138	166468	43.562	ng		90
63) Azobenzene	16.09	77	667797	35.976	ng		95
65) 4,6-Dinitro-2-methylphenol	15.89	198	146239	56.603	ng		85
66) n-Nitrosodiphenylamine	16.01	169	586358	39.012	ng		100
67) 4-Bromophenyl-phenylether	16.69	248	272493	42.814	ng		94
68) Hexachlorobenzene	16.80	284	281933	42.840	ng		96
69) Atrazine	16.95	200	207294	34.811	ng		99
70) Pentachlorophenol	17.15	266	182209	47.315	ng		98
71) Phenanthrene	17.55	178	1094390	39.772	ng		98
72) Anthracene	17.64	178	1085688	39.253	ng		98
73) Carbazole	17.91	167	999577	39.667	ng		100
74) Di-n-butylphthalate	18.45	149	1166302	38.346	ng		100
75) Fluoranthene	19.55	202	1397109	40.744	ng		99
77) Benzidine	19.73	184	562776	39.667	ng		99
78) Pyrene	19.92	202	1407102	43.328	ng		99
80) Butylbenzylphthalate	20.78	149	543998	42.978	ng		94
81) Benzo(a)anthracene	21.77	228	1409068	43.028	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	538969	46.175	ng		97
83) Chrysene	21.84	228	1358609	43.623	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	751772	41.145	ng		96
85) Di-n-octyl phthalate	22.89	149	1252972	40.719	ng		96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1682854	44.691	ng	#	91
88) Benzo(b)fluoranthene	24.07	252	1413589	40.997	ng		99
89) Benzo(k)fluoranthene	24.15	252	1346272	41.808	ng		98
90) Benzo(a)pyrene	24.99	252	1352955	41.453	ng		98
91) Dibenzo(a,h)anthracene	29.07	278	1366123	41.361	ng	#	97
92) Benzo(g,h,i)perylene	30.22	276	1367094	41.589	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040873.D
Acq On : 11 May 2019 14:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: May 11 15:21:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration