Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040793.D
Acq On : 8 May 2019 18:23
Operator : HP/JU
Sample : K2635-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-050219-AMS

Quant Time: May 09 04:57:35 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	46680	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	184272	20.00	ng		-0.01
39) Acenaphthene-d10	14.77	164	139759	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	382549	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	386667	20.00	ng		-0.02
87) Perylene-d12	25.15	264	407393	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	383461	144.81	ng		0.00
7) Phenol-d6	7.28	99	514800	126.26	ng		-0.01
23) Nitrobenzene-d5	9.32	82	431270	108.14	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	330168	171.87	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	932140	96.32	ng		-0.02
79) Terphenyl-d14	20.11	244	1847279	105.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	49855	41.397	ng	#	25
3) Pyridine	3.96	79	119928	34.356	ng		97
4) n-Nitrosodimethylamine	3.87	42	80612	41.634	ng		90
6) Aniline	7.46	93	72145	13.349	ng		97
8) 2-Chlorophenol	7.70	128	149777	46.321	ng		97
9) Benzaldehyde	7.28	77	94557	38.161	ng		96
10) Phenol	7.31	94	177265	40.444	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	143099	43.539	ng		98
12) 1,3-Dichlorobenzene	8.03	146	153156	43.396	ng		98
13) 1,4-Dichlorobenzene	8.18	146	155059	43.340	ng		98
14) 1,2-Dichlorobenzene	8.50	146	149039	43.196	ng		95
15) Benzyl Alcohol	8.38	79	180442	42.532	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	245180	37.469	ng		94
17) 2-Methylphenol	8.57	107	142383	45.904	ng		92
18) Hexachloroethane	9.23	117	58987	40.192	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	143845	39.191	ng		98
20) 3+4-Methylphenols	8.90	107	196405	45.454	ng		98
22) Acetophenone	8.97	105	263350	51.394	ng	#	98
24) Nitrobenzene	9.37	77	224819	52.836	ng		96
25) Isophorone	9.88	82	412748	46.463	ng		96
26) 2-Nitrophenol	10.08	139	88835	58.243	ng		99
27) 2,4-Dimethylphenol	10.11	122	164010	57.311	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	211342	47.419	ng		98
29) 2,4-Dichlorophenol	10.60	162	186589	57.351	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	188456	52.235	ng		98
31) Naphthalene	11.02	128	483602	49.399	ng		98
32) Benzoic acid	10.20	122	37203	18.990	ng		95
33) 4-Chloroaniline	11.13	127	15579	3.589	ng		94
34) Hexachlorobutadiene	11.28	225	132283	49.664	ng		98
35) Caprolactam	11.90	113	48680	37.898	ng	#	81
36) 4-Chloro-3-methylphenol	12.23	107	215435	52.490	ng		97
37) 2-Methylnaphthalene	12.61	142	370922	50.675	ng		98
38) 1-Methylnaphthalene	12.83	142	354167	49.503	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	258582	49.666	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040793.D
Acq On : 8 May 2019 18:23
Operator : HP/JU
Sample : K2635-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-050219-AMS

Quant Time: May 09 04:57:35 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	12.94	237	265811	86.522 ng		100
43) 2,4,6-Trichlorophenol	13.20	196	175169	55.675 ng		97
44) 2,4,5-Trichlorophenol	13.27	196	193546	56.471 ng		97
46) 1,1'-Biphenyl	13.61	154	502711	46.329 ng		95
47) 2-Chloronaphthalene	13.65	162	415315	48.907 ng		99
48) 2-Nitroaniline	13.86	65	172842	57.180 ng		97
49) Acenaphthylene	14.50	152	674372	46.807 ng		99
50) Dimethylphthalate	14.22	163	588340	50.314 ng		100
51) 2,6-Dinitrotoluene	14.35	165	133597	58.539 ng		92
52) Acenaphthene	14.84	154	396043	47.202 ng		98
53) 3-Nitroaniline	14.68	138	42472	18.163 ng	#	86
54) 2,4-Dinitrophenol	14.88	184	51784	43.719 ng	#	86
55) Dibenzofuran	15.17	168	683233	49.715 ng		99
56) 4-Nitrophenol	14.96	139	163569	80.671 ng		94
57) 2,4-Dinitrotoluene	15.13	165	192403	62.043 ng		96
58) Fluorene	15.82	166	557040	50.148 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	200000	57.976 ng		99
60) Diethylphthalate	15.57	149	623402	50.529 ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	336180	52.037 ng		99
62) 4-Nitroaniline	15.85	138	132439	50.632 ng		94
63) Azobenzene	16.10	77	597240	47.005 ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	63705	35.898 ng		94
66) n-Nitrosodiphenylamine	16.02	169	529324	47.030 ng		96
67) 4-Bromophenyl-phenylether	16.70	248	230764	48.419 ng		94
68) Hexachlorobenzene	16.81	284	241001	48.903 ng		97
69) Atrazine	16.96	200	234597	52.610 ng		97
70) Pentachlorophenol	17.15	266	239304	82.983 ng		99
71) Phenanthrene	17.56	178	996364	48.355 ng		99
72) Anthracene	17.65	178	1008367	48.686 ng		99
73) Carbazole	17.92	167	909649	48.207 ng		99
74) Di-n-butylphthalate	18.45	149	1070218	46.990 ng		99
75) Fluoranthene	19.56	202	1299437	50.606 ng		99
77) Benzidine	19.74	184	74293	7.017 ng		98
78) Pyrene	19.92	202	1294476	53.414 ng		97
80) Butylbenzylphthalate	20.79	149	492041	52.093 ng		98
81) Benzo(a)anthracene	21.78	228	1257076	51.440 ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	153573	17.631 ng		95
83) Chrysene	21.85	228	1238140	53.274 ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	689992	50.606 ng		96
85) Di-n-octyl phthalate	22.91	149	1165895	50.774 ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1171686	41.698 ng	#	91
88) Benzo(b)fluoranthene	24.08	252	1238746	49.758 ng	#	97
89) Benzo(k)fluoranthene	24.15	252	1298160	55.836 ng	#	97
90) Benzo(a)pyrene	24.99	252	1235000	52.407 ng		98
91) Dibenzo(a,h)anthracene	29.08	278	895559	37.554 ng		97
92) Benzo(g,h,i)perylene	30.23	276	1000452	42.153 ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040793.D
Acq On : 8 May 2019 18:23
Operator : HP/JU
Sample : K2635-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMS

Quant Time: May 09 04:57:35 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