Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
Data File : BG046112.D
Acq On : 30 Jul 2020 15:53
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jul 30 16:44:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 16:37:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	99613	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	366954	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	235629	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	534101	20.00	ng	0.00
76) Chrysene-d12	21.57	240	544738	20.00	ng	0.00
86) Perylene-d12	24.68	264	593988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	480658	78.25	ng	0.00
7) Phenol-d6	7.12	99	649551	73.45	ng	0.00
23) Nitrobenzene-d5	9.11	82	560443	87.91	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	304316	139.16	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1315637	87.09	ng	0.00
79) Terphenyl-d14	19.94	244	2075187	84.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	106852	37.704	ng	100
3) Pyridine	3.84	79	301770	35.216	ng	100
4) n-Nitrosodimethylamine	3.76	42	130504	45.039	ng	100
6) Aniline	7.28	93	382804	33.837	ng	100
8) 2-Chlorophenol	7.52	128	259334	39.219	ng	100
9) Benzaldehyde	7.09	77	193872	34.601	ng	100
10) Phenol	7.15	94	320714	36.152	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	253672	34.580	ng	100
12) 1,3-Dichlorobenzene	7.85	146	314246	41.230	ng	100
13) 1,4-Dichlorobenzene	7.99	146	314527	41.950	ng	100
14) 1,2-Dichlorobenzene	8.31	146	294974	40.877	ng	100
15) Benzyl Alcohol	8.19	79	226368	32.645	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	414269	43.283	ng	100
17) 2-Methylphenol	8.39	107	219004	32.901	ng	100
18) Hexachloroethane	9.04	117	104507	36.226	ng	100
19) n-Nitroso-di-n-propylamine	8.76	70	208215	33.514	ng	100
20) 3+4-Methylphenols	8.72	107	300402	33.113	ng	100
22) Acetophenone	8.77	105	389629	39.745	ng	100
24) Nitrobenzene	9.15	77	298238	42.383	ng	100
25) Isophorone	9.68	82	565076	36.307	ng	100
26) 2-Nitrophenol	9.86	139	142370	62.073	ng	100
27) 2,4-Dimethylphenol	9.92	122	222651	40.191	ng	100
28) bis(2-Chloroethoxy)methane	10.16	93	302275	34.586	ng	100
29) 2,4-Dichlorophenol	10.40	162	267024	46.562	ng	100
30) 1,2,4-Trichlorobenzene	10.62	180	300565	47.302	ng	100
31) Naphthalene	10.80	128	799356	40.635	ng	100
32) Benzoic acid	10.06	122	140232	46.748	ng	100
33) 4-Chloroaniline	10.90	127	332190	37.789	ng	100
34) Hexachlorobutadiene	11.10	225	202284	54.522	ng	100
35) Caprolactam	11.67	113	88517	40.654	ng	100
36) 4-Chloro-3-methylphenol	12.03	107	260710	39.914	ng	100
37) 2-Methylnaphthalene	12.41	142	613760	43.891	ng	100
38) 1-Methylnaphthalene	12.63	142	581175	44.038	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	347374	52.298	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	205631	52.174 ng	100
43) 2,4,6-Trichlorophenol	13.01	196	231669	51.572 ng	100
44) 2,4,5-Trichlorophenol	13.08	196	248180	48.863 ng	100
46) 1,1'-Biphenyl	13.42	154	751824	42.415 ng	100
47) 2-Chloronaphthalene	13.46	162	598623	42.803 ng	100
48) 2-Nitroaniline	13.65	65	164836	50.360 ng	100
49) Acenaphthylene	14.31	152	938755	41.603 ng	100
50) Dimethylphthalate	14.04	163	746864	42.235 ng	100
51) 2,6-Dinitrotoluene	14.15	165	175541	63.976 ng	100
52) Acenaphthene	14.65	154	621569	43.672 ng	100
53) 3-Nitroaniline	14.48	138	180365	53.045 ng	100
54) 2,4-Dinitrophenol	14.68	184	92102	95.158 ng	100
55) Dibenzofuran	14.98	168	926389	44.403 ng	100
56) 4-Nitrophenol	14.79	139	152175	52.821 ng	100
57) 2,4-Dinitrotoluene	14.93	165	247303	72.943 ng	100
58) Fluorene	15.63	166	754131	44.062 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	233838	59.630 ng	100
60) Diethylphthalate	15.40	149	730397	39.385 ng	100
61) 4-Chlorophenyl-phenylether	15.62	204	392494	46.096 ng	100
62) 4-Nitroaniline	15.64	138	178007	48.705 ng	100
63) Azobenzene	15.92	77	681591	34.243 ng	100
65) 4,6-Dinitro-2-methylphenol	15.70	198	146538	93.675 ng	100
66) n-Nitrosodiphenylamine	15.84	169	678556	40.998 ng	100
67) 4-Bromophenyl-phenylether	16.51	248	274559	46.027 ng	100
68) Hexachlorobenzene	16.64	284	306147	51.145 ng	100
69) Atrazine	16.79	200	264430	54.038 ng	100
70) Pentachlorophenol	16.98	266	199741	60.017 ng	100
71) Phenanthrene	17.37	178	1201810	42.562 ng	100
72) Anthracene	17.45	178	1205197	42.058 ng	100
73) Carbazole	17.72	167	1167047	40.632 ng	100
74) Di-n-butylphthalate	18.30	149	1240870	35.751 ng	100
75) Fluoranthene	19.38	202	1495675	45.821 ng	100
77) Benzidine	19.55	184	720333	46.248 ng	100
78) Pyrene	19.73	202	1514773	40.737 ng	100
80) Butylbenzylphthalate	20.63	149	567544	32.299 ng	100
81) Benzo(a)anthracene	21.55	228	1484326	41.440 ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	645352	48.759 ng	100
83) Chrysene	21.61	228	1452598	42.569 ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	786094	30.819 ng	100
85) Di-n-octyl phthalate	22.66	149	1369925	30.949 ng	100
87) Indeno(1,2,3-cd)pyrene	28.20	276	1873129	43.106 ng	100
88) Benzo(b)fluoranthene	23.70	252	1625361	43.105 ng	100
89) Benzo(k)fluoranthene	23.77	252	1593835	44.703 ng	100
90) Benzo(a)pyrene	24.53	252	1538968	43.404 ng	100
91) Dibenzo(a,h)anthracene	28.27	278	1568505	44.752 ng	100
92) Benzo(g,h,i)perylene	29.29	276	1587847	45.019 ng	100

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

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