Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042323.D
Acq On : 19 Aug 2019 11:07
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Aug 19 11:55:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 11:30:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64105	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	274385	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	198784	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	431739	20.00	ng	0.00
76) Chrysene-d12	21.70	240	421886	20.00	ng	0.00
87) Perylene-d12	24.94	264	505037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	311772	94.62	ng	0.00
7) Phenol-d6	7.17	99	424590	95.59	ng	0.00
23) Nitrobenzene-d5	9.18	82	377594	94.70	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	263800	116.83	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1141539	101.28	ng	0.00
79) Terphenyl-d14	20.03	244	1770268	96.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	65564	42.278	ng	99
3) Pyridine	3.83	79	176473	41.497	ng	98
4) n-Nitrosodimethylamine	3.75	42	58788	34.872	ng	96
6) Aniline	7.33	93	281604	45.023	ng	99
8) 2-Chlorophenol	7.57	128	190548	50.505	ng	98
9) Benzaldehyde	7.14	77	105659	33.805	ng	98
10) Phenol	7.20	94	216179	46.780	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	169674	44.662	ng	98
12) 1,3-Dichlorobenzene	7.90	146	240695	48.880	ng	98
13) 1,4-Dichlorobenzene	8.04	146	241099	48.932	ng	98
14) 1,2-Dichlorobenzene	8.37	146	231821	49.307	ng	99
15) Benzyl Alcohol	8.24	79	148444	42.478	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	232517	34.401	ng	99
17) 2-Methylphenol	8.45	107	159074	47.332	ng	98
18) Hexachloroethane	9.10	117	83392	49.423	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	136379	42.289	ng	99
20) 3+4-Methylphenols	8.78	107	219046	47.628	ng	99
22) Acetophenone	8.84	105	283896	46.257	ng	97
24) Nitrobenzene	9.22	77	192471	45.820	ng	99
25) Isophorone	9.75	82	376030	43.353	ng	97
26) 2-Nitrophenol	9.94	139	121771	62.462	ng	98
27) 2,4-Dimethylphenol	9.99	122	170407	49.526	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	244806	45.165	ng	99
29) 2,4-Dichlorophenol	10.48	162	221187	52.788	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	269826	50.782	ng	97
31) Naphthalene	10.88	128	613290	48.837	ng	98
32) Benzoic acid	10.16	122	117112	55.180	ng	96
33) 4-Chloroaniline	10.99	127	285502	47.941	ng	99
34) Hexachlorobutadiene	11.17	225	180677	50.382	ng	98
35) Caprolactam	11.77	113	69995	48.068	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	205577	49.487	ng	97
37) 2-Methylnaphthalene	12.49	142	491747	49.472	ng	98
38) 1-Methylnaphthalene	12.71	142	465937	49.463	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	309033	49.113	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	168125	47.523 ng	98
43) 2,4,6-Trichlorophenol	13.10	196	208326	52.382 ng	99
44) 2,4,5-Trichlorophenol	13.17	196	212753	51.478 ng	97
46) 1,1'-Biphenyl	13.50	154	625585	48.957 ng	98
47) 2-Chloronaphthalene	13.54	162	537230	49.380 ng	100
48) 2-Nitroaniline	13.74	65	127093	46.060 ng	97
49) Acenaphthylene	14.39	152	800063	49.162 ng	99
50) Dimethylphthalate	14.12	163	679265	50.034 ng	99
51) 2,6-Dinitrotoluene	14.24	165	159107	56.048 ng	98
52) Acenaphthene	14.73	154	493579	46.632 ng	99
53) 3-Nitroaniline	14.57	138	158556	52.208 ng	98
54) 2,4-Dinitrophenol	14.78	184	95334	70.323 ng	97
55) Dibenzofuran	15.06	168	797948	49.288 ng	99
56) 4-Nitrophenol	14.88	139	116319	50.457 ng	98
57) 2,4-Dinitrotoluene	15.03	165	224234	57.438 ng	98
58) Fluorene	15.72	166	642028	49.416 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	208968	51.052 ng	99
60) Diethylphthalate	15.48	149	658974	49.441 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	388682	49.004 ng	100
62) 4-Nitroaniline	15.73	138	167443	50.902 ng	98
63) Azobenzene	16.00	77	456466	41.924 ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	134749	71.165 ng	97
66) n-Nitrosodiphenylamine	15.92	169	593892	50.500 ng	99
67) 4-Bromophenyl-phenylether	16.60	248	269370	50.651 ng	98
68) Hexachlorobenzene	16.73	284	288884	51.923 ng	97
69) Atrazine	16.87	200	210480	45.552 ng	98
70) Pentachlorophenol	17.07	266	163132	51.613 ng	99
71) Phenanthrene	17.46	178	1047307	50.608 ng	100
72) Anthracene	17.55	178	1048948	50.823 ng	99
73) Carbazole	17.82	167	929383	50.170 ng	100
74) Di-n-butylphthalate	18.38	149	1094264	52.105 ng	99
75) Fluoranthene	19.47	202	1262097	50.174 ng	98
77) Benzidine	19.65	184	540020	39.216 ng	98
78) Pyrene	19.84	202	1258378	50.343 ng	99
80) Butylbenzylphthalate	20.72	149	501647	52.345 ng	96
81) Benzo(a)anthracene	21.67	228	1246622	49.943 ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	502413	50.133 ng	99
83) Chrysene	21.75	228	1188640	49.679 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	694644	52.546 ng	99
85) Di-n-octyl phthalate	22.80	149	1199071	53.896 ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1609824	50.826 ng	100
88) Benzo(b)fluoranthene	23.91	252	1340138	48.507 ng	99
89) Benzo(k)fluoranthene	23.98	252	1329818	49.413 ng	100
90) Benzo(a)pyrene	24.79	252	1304222	49.221 ng	99
91) Dibenzo(a,h)anthracene	28.72	278	1299077	49.931 ng	98
92) Benzo(g,h,i)perylene	29.81	276	1285666	49.461 ng	99

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

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