Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
Data File : BG044568.D
Acq On : 24 Feb 2020 12:34
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Feb 24 14:14:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 14:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	62185	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	263776	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	171563	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	374189	20.00	ng	0.00
76) Chrysene-d12	21.50	240	338727	20.00	ng	0.00
87) Perylene-d12	24.57	264	394163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	293627	83.33	ng	0.00
7) Phenol-d6	7.05	99	411704	87.01	ng	0.00
23) Nitrobenzene-d5	9.03	82	382577	81.88	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	182348	90.54	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	902922	88.13	ng	0.00
79) Terphenyl-d14	19.88	244	1398335	84.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	62483	39.469	ng	100
3) Pyridine	3.73	79	184288	43.693	ng	100
4) n-Nitrosodimethylamine	3.64	42	68008	38.586	ng	100
6) Aniline	7.20	93	248451	42.303	ng	100
8) 2-Chlorophenol	7.44	128	161977	41.828	ng	100
9) Benzaldehyde	7.01	77	119636	44.395	ng	100
10) Phenol	7.07	94	196867	42.041	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	164541	41.100	ng	100
12) 1,3-Dichlorobenzene	7.76	146	190941	41.297	ng	100
13) 1,4-Dichlorobenzene	7.91	146	191089	41.728	ng	100
14) 1,2-Dichlorobenzene	8.23	146	184081	42.528	ng	100
15) Benzyl Alcohol	8.11	79	140434	41.922	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.41	45	221715	40.918	ng	100
17) 2-Methylphenol	8.33	107	142869	42.762	ng	100
18) Hexachloroethane	8.95	117	69927	40.692	ng	100
19) n-Nitroso-di-n-propylamine	8.68	70	132740	42.094	ng	100
20) 3+4-Methylphenols	8.65	107	197201	42.829	ng	100
22) Acetophenone	8.70	105	247793	38.616	ng	100
24) Nitrobenzene	9.07	77	184265	40.398	ng	100
25) Isophorone	9.60	82	357274	41.026	ng	100
26) 2-Nitrophenol	9.79	139	99307	41.959	ng	100
27) 2,4-Dimethylphenol	9.85	122	142197	42.562	ng	100
28) bis(2-Chloroethoxy)methane	10.08	93	235896	40.606	ng	100
29) 2,4-Dichlorophenol	10.33	162	170797	42.279	ng	100
30) 1,2,4-Trichlorobenzene	10.54	180	191033	41.240	ng	100
31) Naphthalene	10.72	128	538668	42.091	ng	100
32) Benzoic acid	10.02	122	46007	25.816	ng	100
33) 4-Chloroaniline	10.83	127	242196	41.612	ng	100
34) Hexachlorobutadiene	11.02	225	119860	42.052	ng	100
35) Caprolactam	11.60	113	59711	40.349	ng	100
36) 4-Chloro-3-methylphenol	11.97	107	172753	40.787	ng	100
37) 2-Methylnaphthalene	12.34	142	398116	41.899	ng	100
38) 1-Methylnaphthalene	12.56	142	376547	42.033	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	214153	41.729	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	83963	34.097 ng	100
43) 2,4,6-Trichlorophenol	12.95	196	140649	42.400 ng	100
44) 2,4,5-Trichlorophenol	13.03	196	144581	42.672 ng	100
46) 1,1'-Biphenyl	13.35	154	536848	43.382 ng	100
47) 2-Chloronaphthalene	13.39	162	417728	42.420 ng	100
48) 2-Nitroaniline	13.59	65	116088	39.945 ng	100
49) Acenaphthylene	14.24	152	621782	43.049 ng	100
50) Dimethylphthalate	13.97	163	520325	42.192 ng	100
51) 2,6-Dinitrotoluene	14.09	165	114544	41.657 ng	100
52) Acenaphthene	14.58	154	391652	41.835 ng	100
53) 3-Nitroaniline	14.42	138	124617	40.963 ng	100
54) 2,4-Dinitrophenol	14.63	184	56812	41.617 ng	100
55) Dibenzofuran	14.92	168	605883	42.745 ng	100
56) 4-Nitrophenol	14.74	139	86641	38.881 ng	100
57) 2,4-Dinitrotoluene	14.88	165	160898	41.749 ng	100
58) Fluorene	15.56	166	479849	42.981 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	133483	43.616 ng	100
60) Diethylphthalate	15.34	149	517369	42.102 ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	259079	42.800 ng	100
62) 4-Nitroaniline	15.59	138	124003	40.793 ng	100
63) Azobenzene	15.85	77	438346	40.701 ng	100
65) 4,6-Dinitro-2-methylphenol	15.65	198	88052	42.629 ng	100
66) n-Nitrosodiphenylamine	15.78	169	437969	41.765 ng	100
67) 4-Bromophenyl-phenylether	16.45	248	174174	42.724 ng	100
68) Hexachlorobenzene	16.57	284	194880	42.668 ng	100
69) Atrazine	16.72	200	161453	44.920 ng	100
70) Pentachlorophenol	16.92	266	84524	39.936 ng	100
71) Phenanthrene	17.30	178	780166	43.057 ng	100
72) Anthracene	17.40	178	770924	43.035 ng	100
73) Carbazole	17.66	167	705961	42.747 ng	100
74) Di-n-butylphthalate	18.23	149	900761	44.137 ng	100
75) Fluoranthene	19.31	202	937156	44.710 ng	100
77) Benzidine	19.49	184	474641	50.518 ng	100
78) Pyrene	19.68	202	943259	43.362 ng	100
80) Butylbenzylphthalate	20.57	149	410370	41.397 ng	100
81) Benzo(a)anthracene	21.49	228	900456	43.133 ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	363996	44.925 ng	100
83) Chrysene	21.55	228	874243	43.325 ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	565710	41.460 ng	100
85) Di-n-octyl phthalate	22.57	149	1012795	42.900 ng	100
86) Indeno(1,2,3-cd)pyrene	28.05	276	1109493	42.144 ng	100
88) Benzo(b)fluoranthene	23.60	252	977949	43.057 ng	100
89) Benzo(k)fluoranthene	23.67	252	946461	42.755 ng	100
90) Benzo(a)pyrene	24.43	252	913599	42.543 ng	100
91) Dibenzo(a,h)anthracene	28.11	278	908960	42.768 ng	100
92) Benzo(g,h,i)perylene	29.13	276	901451	42.370 ng	100

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

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