Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
Data File : BG044710.D
Acq On : 10 Mar 2020 11:49
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Mar 10 14:11:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 14:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	93514	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	378146	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	250670	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	551440	20.00	ng		0.00
76) Chrysene-d12	21.71	240	485759	20.00	ng		0.00
87) Perylene-d12	24.93	264	564202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	247834	39.80	ng		0.00
7) Phenol-d6	7.21	99	363768	38.65	ng		0.00
23) Nitrobenzene-d5	9.21	82	336605	40.53	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	123604	35.90	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	750154	41.69	ng		0.00
79) Terphenyl-d14	20.05	244	1130079	41.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	58180	19.493	ng		95
3) Pyridine	3.93	79	172951	18.689	ng		96
4) n-Nitrosodimethylamine	3.84	42	61663	15.753	ng		96
6) Aniline	7.37	93	221519	18.788	ng		97
8) 2-Chlorophenol	7.62	128	120143	19.038	ng		96
9) Benzaldehyde	7.18	77	125932	22.796	ng		96
10) Phenol	7.23	94	180269	19.443	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	139058	19.520	ng		98
12) 1,3-Dichlorobenzene	7.95	146	151004	20.120	ng		93
13) 1,4-Dichlorobenzene	8.10	146	151217	20.167	ng		98
14) 1,2-Dichlorobenzene	8.41	146	143325	20.221	ng		95
15) Benzyl Alcohol	8.29	79	137961	16.991	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	253542	18.838	ng		100
17) 2-Methylphenol	8.49	107	117007	18.419	ng		93
18) Hexachloroethane	9.15	117	57963	19.273	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	125742	17.883	ng		97
20) 3+4-Methylphenols	8.82	107	163313	18.454	ng		97
22) Acetophenone	8.88	105	212576	19.257	ng	#	95
24) Nitrobenzene	9.25	77	173330	19.684	ng		99
25) Isophorone	9.78	82	333916	18.231	ng		100
26) 2-Nitrophenol	9.97	139	47592	16.528	ng		96
27) 2,4-Dimethylphenol	10.03	122	105746	18.403	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	198978	19.297	ng		99
29) 2,4-Dichlorophenol	10.50	162	122090	18.674	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	150833	19.861	ng		95
31) Naphthalene	10.92	128	421333	19.854	ng		99
32) Benzoic acid	10.12	122	49162	12.199	ng		88
33) 4-Chloroaniline	11.02	127	189602	19.398	ng		98
34) Hexachlorobutadiene	11.21	225	96663	18.629	ng		98
35) Caprolactam	11.77	113	43546	15.955	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	147148	17.772	ng		96
37) 2-Methylnaphthalene	12.52	142	311732	19.466	ng		99
38) 1-Methylnaphthalene	12.74	142	295174	19.497	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	166798	20.497	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	80978	17.017	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	105650	18.728	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	108549	18.762	ng		98
46) 1,1'-Biphenyl	13.52	154	412356	20.683	ng		96
47) 2-Chloronaphthalene	13.57	162	308822	20.307	ng		97
48) 2-Nitroaniline	13.75	65	96395	18.794	ng		96
49) Acenaphthylene	14.41	152	496993	20.398	ng		97
50) Dimethylphthalate	14.14	163	415951	19.960	ng		97
51) 2,6-Dinitrotoluene	14.25	165	72105	19.256	ng		88
52) Acenaphthene	14.75	154	313855	19.922	ng		97
53) 3-Nitroaniline	14.58	138	85955	19.918	ng		96
54) 2,4-Dinitrophenol	14.78	184	28001	16.105	ng	#	75
55) Dibenzofuran	15.09	168	473706	20.067	ng		98
56) 4-Nitrophenol	14.88	139	62671	18.665	ng		93
57) 2,4-Dinitrotoluene	15.03	165	98030	19.592	ng		98
58) Fluorene	15.74	166	388671	19.906	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	98182	17.831	ng	#	92
60) Diethylphthalate	15.51	149	426678	19.151	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	205625	19.408	ng		95
62) 4-Nitroaniline	15.74	138	97428	20.497	ng		88
63) Azobenzene	16.03	77	446128	19.134	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	37040	16.442	ng		96
66) n-Nitrosodiphenylamine	15.94	169	339811	20.155	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	137263	19.737	ng		98
68) Hexachlorobenzene	16.74	284	147655	19.662	ng		95
69) Atrazine	16.89	200	128307	19.692	ng		98
70) Pentachlorophenol	17.08	266	74503	17.484	ng		97
71) Phenanthrene	17.48	178	617553	20.424	ng		95
72) Anthracene	17.57	178	611175	20.522	ng		96
73) Carbazole	17.83	167	582696	20.430	ng		96
74) Di-n-butylphthalate	18.41	149	717031	19.961	ng		97
75) Fluoranthene	19.48	202	753192	20.611	ng		97
77) Benzidine	19.66	184	335704	17.312	ng		99
78) Pyrene	19.85	202	751464	20.282	ng		99
80) Butylbenzylphthalate	20.75	149	295728	17.882	ng		97
81) Benzo(a)anthracene	21.69	228	718328	19.719	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	262673	18.110	ng		97
83) Chrysene	21.76	228	687013	19.814	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	442192	19.173	ng		96
85) Di-n-octyl phthalate	22.85	149	719393	18.164	ng		99
86) Indeno(1,2,3-cd)pyrene	28.59	276	841914	18.385	ng		100
88) Benzo(b)fluoranthene	23.91	252	736110	19.170	ng		97
89) Benzo(k)fluoranthene	23.98	252	727582	20.214	ng		99
90) Benzo(a)pyrene	24.78	252	690510	19.308	ng		99
91) Dibenzo(a,h)anthracene	28.66	278	676588	18.972	ng		98
92) Benzo(g,h,i)perylene	29.72	276	683588	19.137	ng		98

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

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