Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044855.D
Acq On : 18 Mar 2020 7:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 18 08:51:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	103533	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	391835	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	265989	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	606470	20.00	ng		0.00
76) Chrysene-d12	21.69	240	536303	20.00	ng		0.00
87) Perylene-d12	24.90	264	619983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	485892	73.06	ng		0.00
7) Phenol-d6	7.20	99	702468	72.70	ng		0.00
23) Nitrobenzene-d5	9.20	82	668061	74.82	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	294138	84.46	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1379016	74.24	ng		0.00
79) Terphenyl-d14	20.04	244	2069443	72.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	107546	33.579	ng		96
3) Pyridine	3.92	79	320881	33.844	ng		99
4) n-Nitrosodimethylamine	3.83	42	125300	34.831	ng		91
6) Aniline	7.37	93	419366	34.877	ng		98
8) 2-Chlorophenol	7.61	128	246132	37.072	ng		99
9) Benzaldehyde	7.18	77	198021	31.689	ng		99
10) Phenol	7.23	94	346497	36.219	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	261254	34.217	ng		96
12) 1,3-Dichlorobenzene	7.94	146	296492	36.252	ng		98
13) 1,4-Dichlorobenzene	8.09	146	298131	36.872	ng		98
14) 1,2-Dichlorobenzene	8.40	146	278297	36.291	ng		93
15) Benzyl Alcohol	8.28	79	271877	35.066	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	413592	30.696	ng		98
17) 2-Methylphenol	8.48	107	231054	35.654	ng		97
18) Hexachloroethane	9.14	117	116672	36.652	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	221486	32.460	ng		95
20) 3+4-Methylphenols	8.81	107	319463	35.761	ng		99
22) Acetophenone	8.87	105	396969	35.761	ng		98
24) Nitrobenzene	9.25	77	337254	36.400	ng		96
25) Isophorone	9.77	82	596438	34.224	ng		100
26) 2-Nitrophenol	9.96	139	145333	45.506	ng		99
27) 2,4-Dimethylphenol	10.02	122	205992	36.296	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	361647	34.772	ng		100
29) 2,4-Dichlorophenol	10.49	162	254378	38.374	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	303752	38.322	ng		97
31) Naphthalene	10.91	128	799096	36.815	ng		99
32) Benzoic acid	10.16	122	164009	39.292	ng		93
33) 4-Chloroaniline	11.00	127	352597	36.056	ng		99
34) Hexachlorobutadiene	11.20	225	204754	39.282	ng		94
35) Caprolactam	11.77	113	95644	38.108	ng	#	88
36) 4-Chloro-3-methylphenol	12.12	107	292329	36.976	ng		99
37) 2-Methylnaphthalene	12.51	142	590401	36.362	ng		99
38) 1-Methylnaphthalene	12.73	142	548824	35.954	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	332737	37.984	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	155031	32.384	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	230543	39.657	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	238255	39.519	ng		96
46) 1,1'-Biphenyl	13.51	154	771526	36.297	ng		99
47) 2-Chloronaphthalene	13.56	162	593702	36.563	ng		98
48) 2-Nitroaniline	13.74	65	220681	38.820	ng		98
49) Acenaphthylene	14.40	152	930338	36.572	ng		100
50) Dimethylphthalate	14.13	163	763236	36.028	ng		100
51) 2,6-Dinitrotoluene	14.24	165	171273	40.109	ng		97
52) Acenaphthene	14.74	154	624636	37.493	ng		99
53) 3-Nitroaniline	14.57	138	192883	39.288	ng		97
54) 2,4-Dinitrophenol	14.77	184	89444	44.237	ng		89
55) Dibenzofuran	15.08	168	893894	37.000	ng		99
56) 4-Nitrophenol	14.87	139	151555	40.449	ng		96
57) 2,4-Dinitrotoluene	15.03	165	237846	40.612	ng	#	99
58) Fluorene	15.72	166	732256	36.846	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	224729	40.487	ng		94
60) Diethylphthalate	15.49	149	779645	35.285	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	401910	37.558	ng		99
62) 4-Nitroaniline	15.74	138	201830	38.554	ng		98
63) Azobenzene	16.01	77	776008	33.820	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	122341	43.694	ng		99
66) n-Nitrosodiphenylamine	15.93	169	646892	35.429	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	285545	37.662	ng		99
68) Hexachlorobenzene	16.73	284	306834	37.303	ng		100
69) Atrazine	16.88	200	238617	35.670	ng		98
70) Pentachlorophenol	17.07	266	181482	40.100	ng		97
71) Phenanthrene	17.47	178	1179663	36.399	ng		100
72) Anthracene	17.56	178	1165410	36.468	ng		98
73) Carbazole	17.82	167	1120728	36.509	ng		98
74) Di-n-butylphthalate	18.39	149	1347341	36.107	ng		100
75) Fluoranthene	19.47	202	1442015	37.369	ng		99
77) Benzidine	19.64	184	713545	40.984	ng		98
78) Pyrene	19.83	202	1435353	36.479	ng		98
80) Butylbenzylphthalate	20.72	149	632276	36.121	ng		99
81) Benzo(a)anthracene	21.68	228	1386749	35.910	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	560051	37.487	ng		100
83) Chrysene	21.74	228	1329627	36.044	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	851819	35.260	ng		98
85) Di-n-octyl phthalate	22.81	149	1479400	36.595	ng		100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1734030	35.855	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	1487313	36.338	ng		99
89) Benzo(k)fluoranthene	23.95	252	1401825	36.191	ng		99
90) Benzo(a)pyrene	24.75	252	1389637	36.285	ng		96
91) Dibenzo(a,h)anthracene	28.61	278	1390119	36.792	ng		98
92) Benzo(g,h,i)perylene	29.68	276	1384338	36.264	ng		98

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

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