Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044868.D
Acq On : 18 Mar 2020 17:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 19 01:41:22 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	8.05	152	81680	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	299809	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	200769	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	444890	20.00	ng	0.00
76) Chrysene-d12	21.69	240	413226	20.00	ng	-0.01
87) Perylene-d12	24.89	264	503615	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	407956	77.75	ng	0.00
7) Phenol-d6	7.21	99	567997	74.51	ng	0.00
23) Nitrobenzene-d5	9.20	82	543217	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	228584	86.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1124859	80.23	ng	0.00
79) Terphenyl-d14	20.03	244	1720733	77.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	96759	38.294	ng	99
3) Pyridine	3.92	79	275959	36.893	ng	97
4) n-Nitrosodimethylamine	3.83	42	106690	37.592	ng	88
6) Aniline	7.37	93	344146	36.279	ng	99
8) 2-Chlorophenol	7.61	128	198076	37.816	ng	99
9) Benzaldehyde	7.18	77	161101	33.000	ng	96
10) Phenol	7.23	94	276180	36.592	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	213933	35.516	ng	95
12) 1,3-Dichlorobenzene	7.94	146	248069	38.447	ng	98
13) 1,4-Dichlorobenzene	8.08	146	248704	38.988	ng	97
14) 1,2-Dichlorobenzene	8.41	146	227359	37.581	ng	95
15) Benzyl Alcohol	8.28	79	221178	36.160	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	337660	31.765	ng	96
17) 2-Methylphenol	8.49	107	186344	36.448	ng	99
18) Hexachloroethane	9.14	117	98565	39.247	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	182342	33.873	ng	98
20) 3+4-Methylphenols	8.81	107	258598	36.693	ng	98
22) Acetophenone	8.87	105	322947	38.022	ng	98
24) Nitrobenzene	9.25	77	271560	38.306	ng	99
25) Isophorone	9.77	82	485255	36.391	ng	98
26) 2-Nitrophenol	9.96	139	114040	46.527	ng	96
27) 2,4-Dimethylphenol	10.02	122	165795	38.180	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	296228	37.225	ng	99
29) 2,4-Dichlorophenol	10.50	162	205991	40.613	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	243272	40.113	ng	94
31) Naphthalene	10.91	128	639269	38.492	ng	99
32) Benzoic acid	10.15	122	123719	38.874	ng	99
33) 4-Chloroaniline	11.00	127	278493	37.219	ng	98
34) Hexachlorobutadiene	11.20	225	167952	42.112	ng	97
35) Caprolactam	11.77	113	73703	38.380	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	234652	38.791	ng	100
37) 2-Methylnaphthalene	12.51	142	474320	38.180	ng	97
38) 1-Methylnaphthalene	12.73	142	447136	38.283	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	261856	39.604	ng	99

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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)
41) Hexachlorocyclopentadiene	12.86	237	160988	44.552 ng		96
43) 2,4,6-Trichlorophenol	13.11	196	181695	41.407 ng		99
44) 2,4,5-Trichlorophenol	13.18	196	187030	41.100 ng		98
46) 1,1'-Biphenyl	13.52	154	621619	38.745 ng		99
47) 2-Chloronaphthalene	13.56	162	471092	38.437 ng		98
48) 2-Nitroaniline	13.75	65	171645	40.003 ng		98
49) Acenaphthylene	14.40	152	740753	38.579 ng		99
50) Dimethylphthalate	14.13	163	619109	38.718 ng		98
51) 2,6-Dinitrotoluene	14.24	165	136538	42.362 ng		97
52) Acenaphthene	14.74	154	499197	39.698 ng		98
53) 3-Nitroaniline	14.57	138	147992	39.937 ng		88
54) 2,4-Dinitrophenol	14.77	184	78098	49.868 ng		86
55) Dibenzofuran	15.08	168	715168	39.219 ng		99
56) 4-Nitrophenol	14.87	139	115347	40.786 ng		97
57) 2,4-Dinitrotoluene	15.03	165	195611	44.251 ng		93
58) Fluorene	15.73	166	589039	39.268 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	174524	41.656 ng		95
60) Diethylphthalate	15.50	149	634877	38.067 ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	316683	39.207 ng		98
62) 4-Nitroaniline	15.73	138	157705	39.911 ng		96
63) Azobenzene	16.01	77	615126	35.517 ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	103471	49.194 ng		96
66) n-Nitrosodiphenylamine	15.93	169	514748	38.430 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	222235	39.958 ng		97
68) Hexachlorobenzene	16.74	284	246858	40.912 ng		97
69) Atrazine	16.88	200	180554	36.793 ng		98
70) Pentachlorophenol	17.07	266	144184	43.430 ng		98
71) Phenanthrene	17.47	178	940111	39.543 ng		99
72) Anthracene	17.56	178	915025	39.032 ng		98
73) Carbazole	17.82	167	885539	39.325 ng		99
74) Di-n-butylphthalate	18.39	149	1096378	40.052 ng		99
75) Fluoranthene	19.47	202	1166093	41.194 ng		99
77) Benzidine	19.64	184	598859	44.641 ng		100
78) Pyrene	19.83	202	1159388	38.242 ng		100
80) Butylbenzylphthalate	20.72	149	525744	38.980 ng		99
81) Benzo(a)anthracene	21.67	228	1172149	39.393 ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	472207	41.021 ng		98
83) Chrysene	21.74	228	1117053	39.301 ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	735287	39.501 ng		99
85) Di-n-octyl phthalate	22.81	149	1252064	40.196 ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1477870	39.660 ng	#	93
88) Benzo(b)fluoranthene	23.88	252	1273569	38.306 ng		99
89) Benzo(k)fluoranthene	23.95	252	1215853	38.643 ng		99
90) Benzo(a)pyrene	24.75	252	1190442	38.266 ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1181514	38.496 ng		98
92) Benzo(g,h,i)perylene	29.68	276	1178611	38.009 ng		98

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

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