Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044542.D
Acq On : 21 Feb 2020 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 21 16:09:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 16:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	84265	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	362632	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	248093	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	561760	20.00	ng	0.00
76) Chrysene-d12	21.51	240	521980	20.00	ng	0.00
87) Perylene-d12	24.58	264	577797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	386372	80.92	ng	0.00
7) Phenol-d6	7.05	99	561433	87.56	ng	0.00
23) Nitrobenzene-d5	9.04	82	528617	82.30	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	267199	91.74	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1231495	83.12	ng	0.00
79) Terphenyl-d14	19.89	244	1871883	73.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	79228	36.932	ng	100
3) Pyridine	3.74	79	235738	41.246	ng	100
4) n-Nitrosodimethylamine	3.65	42	96598	40.447	ng	100
6) Aniline	7.20	93	347017	43.603	ng	100
8) 2-Chlorophenol	7.45	128	224332	42.750	ng	100
9) Benzaldehyde	7.01	77	143173	39.208	ng	100
10) Phenol	7.08	94	274928	43.327	ng	100
11) bis(2-Chloroethyl)ether	7.30	93	228929	42.200	ng	100
12) 1,3-Dichlorobenzene	7.77	146	259647	41.442	ng	100
13) 1,4-Dichlorobenzene	7.91	146	263745	42.503	ng	100
14) 1,2-Dichlorobenzene	8.24	146	249204	42.488	ng	100
15) Benzyl Alcohol	8.12	79	202708	44.656	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.41	45	315967	43.033	ng	100
17) 2-Methylphenol	8.33	107	195946	43.281	ng	100
18) Hexachloroethane	8.96	117	96952	41.636	ng	100
19) n-Nitroso-di-n-propylamine	8.69	70	187476	43.874	ng	100
20) 3+4-Methylphenols	8.66	107	275418	44.142	ng	100
22) Acetophenone	8.70	105	362500	41.092	ng	100
24) Nitrobenzene	9.08	77	259320	41.354	ng	100
25) Isophorone	9.60	82	511567	42.730	ng	100
26) 2-Nitrophenol	9.79	139	143988	44.253	ng	100
27) 2,4-Dimethylphenol	9.86	122	194633	42.376	ng	100
28) bis(2-Chloroethoxy)methane	10.09	93	331448	41.501	ng	100
29) 2,4-Dichlorophenol	10.33	162	239494	43.123	ng	100
30) 1,2,4-Trichlorobenzene	10.54	180	265244	41.651	ng	100
31) Naphthalene	10.73	128	740127	42.067	ng	100
32) Benzoic acid	10.05	122	118594	41.798	ng	100
33) 4-Chloroaniline	10.84	127	344324	43.031	ng	100
34) Hexachlorobutadiene	11.03	225	164789	42.054	ng	100
35) Caprolactam	11.63	113	96609	47.487	ng	100
36) 4-Chloro-3-methylphenol	11.98	107	257255	44.180	ng	100
37) 2-Methylnaphthalene	12.34	142	560453	42.904	ng	100
38) 1-Methylnaphthalene	12.56	142	531037	43.119	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	305893	41.218	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	137064	38.491 ng	100
43) 2,4,6-Trichlorophenol	12.96	196	206675	43.085 ng	100
44) 2,4,5-Trichlorophenol	13.04	196	212554	43.382 ng	100
46) 1,1'-Biphenyl	13.35	154	735580	41.105 ng	100
47) 2-Chloronaphthalene	13.39	162	588166	41.303 ng	100
48) 2-Nitroaniline	13.60	65	180500	42.950 ng	100
49) Acenaphthylene	14.25	152	883486	42.300 ng	100
50) Dimethylphthalate	13.98	163	755465	42.362 ng	100
51) 2,6-Dinitrotoluene	14.10	165	170851	42.967 ng	100
52) Acenaphthene	14.59	154	562570	41.555 ng	100
53) 3-Nitroaniline	14.43	138	190366	43.273 ng	100
54) 2,4-Dinitrophenol	14.63	184	101331	46.533 ng	100
55) Dibenzofuran	14.92	168	862151	42.062 ng	100
56) 4-Nitrophenol	14.75	139	140056	43.463 ng	100
57) 2,4-Dinitrotoluene	14.89	165	248812	44.645 ng	100
58) Fluorene	15.57	166	694040	42.990 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	200932	45.402 ng	100
60) Diethylphthalate	15.35	149	771146	43.396 ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	373843	42.708 ng	100
62) 4-Nitroaniline	15.59	138	198090	45.063 ng	100
63) Azobenzene	15.86	77	658059	42.253 ng	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	142464	45.943 ng	100
66) n-Nitrosodiphenylamine	15.78	169	651582	41.389 ng	100
67) 4-Bromophenyl-phenylether	16.46	248	259939	42.472 ng	100
68) Hexachlorobenzene	16.58	284	288101	42.017 ng	100
69) Atrazine	16.73	200	208554	38.650 ng	100
70) Pentachlorophenol	16.93	266	140507	42.073 ng	100
71) Phenanthrene	17.31	178	1142654	42.006 ng	100
72) Anthracene	17.40	178	1134131	42.171 ng	100
73) Carbazole	17.67	167	1046122	42.194 ng	100
74) Di-n-butylphthalate	18.24	149	1306283	42.636 ng	100
75) Fluoranthene	19.32	202	1334286	42.401 ng	100
77) Benzidine	19.50	184	706452	48.793 ng	100
78) Pyrene	19.68	202	1338607	39.933 ng	100
80) Butylbenzylphthalate	20.57	149	610677	39.976 ng	100
81) Benzo(a)anthracene	21.49	228	1294826	40.249 ng	100
82) 3,3'-Dichlorobenzidine	21.41	252	510713	40.904 ng	100
83) Chrysene	21.56	228	1228330	39.502 ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	812342	38.634 ng	100
85) Di-n-octyl phthalate	22.57	149	1461872	40.183 ng	100
86) Indeno(1,2,3-cd)pyrene	28.07	276	1632519	40.241 ng	100
88) Benzo(b)fluoranthene	23.61	252	1407453	42.273 ng	100
89) Benzo(k)fluoranthene	23.68	252	1338387	41.244 ng	100
90) Benzo(a)pyrene	24.44	252	1323211	42.034 ng	100
91) Dibenzo(a,h)anthracene	28.12	278	1313859	42.172 ng	100
92) Benzo(g,h,i)perylene	29.15	276	1316827	42.223 ng	100

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

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