Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043480.D
Acq On : 4 Nov 2019 14:38
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 04 15:28:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	36701	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	153986	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	112037	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	276284	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290397	20.00	ng	0.00
87) Perylene-d12	24.85	264	348946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	167790	83.78	ng	0.00
7) Phenol-d6	7.20	99	238867	82.89	ng	0.00
23) Nitrobenzene-d5	9.18	82	233028	78.02	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	170527	79.98	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	648513	79.98	ng	0.00
79) Terphenyl-d14	20.00	244	1245412	80.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	30446	39.009	ng	100
3) Pyridine	3.88	79	85650	43.503	ng	100
4) n-Nitrosodimethylamine	3.79	42	40916	41.184	ng	100
6) Aniline	7.34	93	137187	41.327	ng	100
8) 2-Chlorophenol	7.58	128	90775	41.058	ng	100
9) Benzaldehyde	7.15	77	60647	42.825	ng	100
10) Phenol	7.22	94	110753	42.060	ng	100
11) bis(2-Chloroethyl)ether	7.43	93	81852	40.205	ng	100
12) 1,3-Dichlorobenzene	7.90	146	112315	40.546	ng	100
13) 1,4-Dichlorobenzene	8.04	146	113189	40.386	ng	100
14) 1,2-Dichlorobenzene	8.37	146	107687	39.352	ng	100
15) Benzyl Alcohol	8.25	79	83954	41.484	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	112666	38.059	ng	100
17) 2-Methylphenol	8.47	107	79391	41.358	ng	100
18) Hexachloroethane	9.09	117	41364	40.907	ng	100
19) n-Nitroso-di-n-propylamine	8.81	70	72441	38.904	ng	100
20) 3+4-Methylphenols	8.80	107	105855	40.214	ng	100
22) Acetophenone	8.84	105	156752	39.750	ng	100
24) Nitrobenzene	9.22	77	110315	38.771	ng	100
25) Isophorone	9.73	82	213377	39.074	ng	100
26) 2-Nitrophenol	9.93	139	56349	41.021	ng	100
27) 2,4-Dimethylphenol	10.00	122	78343	39.791	ng	100
28) bis(2-Chloroethoxy)methane	10.22	93	118062	39.172	ng	100
29) 2,4-Dichlorophenol	10.48	162	100384	39.793	ng	100
30) 1,2,4-Trichlorobenzene	10.68	180	122556	38.547	ng	100
31) Naphthalene	10.87	128	306491	39.212	ng	100
32) Benzoic acid	10.16	122	49411	35.720	ng	100
33) 4-Chloroaniline	10.98	127	131430	41.021	ng	100
34) Hexachlorobutadiene	11.15	225	88009	37.446	ng	100
35) Caprolactam	11.75	113	36904	42.477	ng	100
36) 4-Chloro-3-methylphenol	12.11	107	109605	39.832	ng	100
37) 2-Methylnaphthalene	12.47	142	238421	39.755	ng	100
38) 1-Methylnaphthalene	12.69	142	222135	38.928	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	164300	39.625	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	88901	40.816	ng	100
43) 2,4,6-Trichlorophenol	13.08	196	99103	40.586	ng	100
44) 2,4,5-Trichlorophenol	13.17	196	103863	42.073	ng	100
46) 1,1'-Biphenyl	13.48	154	347135	40.728	ng	100
47) 2-Chloronaphthalene	13.52	162	261028	40.251	ng	100
48) 2-Nitroaniline	13.72	65	79579	41.057	ng	100
49) Acenaphthylene	14.36	152	409574	40.580	ng	100
50) Dimethylphthalate	14.09	163	350678	40.410	ng	100
51) 2,6-Dinitrotoluene	14.21	165	76382	40.515	ng	100
52) Acenaphthene	14.71	154	250648	40.722	ng	100
53) 3-Nitroaniline	14.55	138	77826	42.757	ng	100
54) 2,4-Dinitrophenol	14.76	184	42024	39.729	ng	100
55) Dibenzofuran	15.04	168	403623	40.437	ng	100
56) 4-Nitrophenol	14.88	139	47568	38.997	ng	100
57) 2,4-Dinitrotoluene	15.01	165	111604	41.422	ng	100
58) Fluorene	15.69	166	340511	40.675	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	101411	38.665	ng	100
60) Diethylphthalate	15.45	149	345150	39.583	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	193671	39.656	ng	100
62) 4-Nitroaniline	15.72	138	83370	44.350	ng	100
63) Azobenzene	15.97	77	279630	39.625	ng	100
65) 4,6-Dinitro-2-methylphenol	15.77	198	62369	38.359	ng	100
66) n-Nitrosodiphenylamine	15.89	169	296994	38.075	ng	100
67) 4-Bromophenyl-phenylether	16.57	248	141036	37.932	ng	100
68) Hexachlorobenzene	16.70	284	161901	37.934	ng	100
69) Atrazine	16.84	200	100559	37.101	ng	100
70) Pentachlorophenol	17.05	266	67595	34.757	ng	100
71) Phenanthrene	17.43	178	545227	38.538	ng	100
72) Anthracene	17.52	178	545047	38.505	ng	100
73) Carbazole	17.80	167	504051	39.322	ng	100
74) Di-n-butylphthalate	18.34	149	602323	38.726	ng	100
75) Fluoranthene	19.44	202	703029	38.116	ng	100
77) Benzidine	19.62	184	235622	40.316	ng	100
78) Pyrene	19.80	202	707096	39.337	ng	100
80) Butylbenzylphthalate	20.69	149	274914	40.369	ng	100
81) Benzo(a)anthracene	21.64	228	730385	40.153	ng	100
82) 3,3'-Dichlorobenzidine	21.55	252	299337	42.546	ng	100
83) Chrysene	21.70	228	723743	40.045	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	396185	40.954	ng	100
85) Di-n-octyl phthalate	22.74	149	683851	41.667	ng	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	960644	42.344	ng	100
88) Benzo(b)fluoranthene	23.84	252	783561	39.648	ng	100
89) Benzo(k)fluoranthene	23.91	252	800014	40.210	ng	100
90) Benzo(a)pyrene	24.70	252	753717	39.937	ng	100
91) Dibenzo(a,h)anthracene	28.55	278	795781	41.224	ng	100
92) Benzo(g,h,i)perylene	29.63	276	771129	40.498	ng	100

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

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