Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
Data File : BG040578.D
Acq On : 23 Apr 2019 19:25
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Apr 24 04:13:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:08:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45640	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	200599	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	139227	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	343299	20.00	ng	0.00
76) Chrysene-d12	21.82	240	365800	20.00	ng	0.00
87) Perylene-d12	25.20	264	366816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	201293	73.32	ng	0.00
7) Phenol-d6	7.29	99	310237	81.77	ng	0.00
23) Nitrobenzene-d5	9.34	82	344130	91.19	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	150524	100.04	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	774998	82.48	ng	0.00
79) Terphenyl-d14	20.13	244	1354990	83.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	45331	35.115	ng	100
3) Pyridine	3.97	79	138164	39.751	ng	100
4) n-Nitrosodimethylamine	3.88	42	72373	45.014	ng	100
6) Aniline	7.48	93	207024	41.997	ng	100
8) 2-Chlorophenol	7.72	128	124480	38.733	ng	100
9) Benzaldehyde	7.29	77	93781	36.033	ng	100
10) Phenol	7.32	94	167273	40.617	ng	100
11) bis(2-Chloroethyl)ether	7.58	93	125371	38.008	ng	100
12) 1,3-Dichlorobenzene	8.05	146	134412	38.474	ng	100
13) 1,4-Dichlorobenzene	8.19	146	136018	39.091	ng	100
14) 1,2-Dichlorobenzene	8.52	146	130695	39.278	ng	100
15) Benzyl Alcohol	8.40	79	163087	53.372	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.68	45	248961	39.327	ng	100
17) 2-Methylphenol	8.59	107	117491	41.228	ng	100
18) Hexachloroethane	9.25	117	55408	41.864	ng	100
19) n-Nitroso-di-n-propylamine	8.97	70	137058	50.382	ng	100
20) 3+4-Methylphenols	8.92	107	166043	43.010	ng	100
22) Acetophenone	8.99	105	223761	44.717	ng	100
24) Nitrobenzene	9.38	77	180864	46.280	ng	100
25) Isophorone	9.90	82	382160	49.214	ng	100
26) 2-Nitrophenol	10.09	139	65202	35.210	ng	100
27) 2,4-Dimethylphenol	10.13	122	122791	41.745	ng	100
28) bis(2-Chloroethoxy)methane	10.38	93	194165	42.264	ng	100
29) 2,4-Dichlorophenol	10.62	162	142862	44.746	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	156606	44.671	ng	100
31) Naphthalene	11.04	128	428911	41.714	ng	100
32) Benzoic acid	10.26	122	82214	46.261	ng	100
33) 4-Chloroaniline	11.14	127	185029	42.187	ng	100
34) Hexachlorobutadiene	11.30	225	114996	51.290	ng	100
35) Caprolactam	11.93	113	56143	44.311	ng	100
36) 4-Chloro-3-methylphenol	12.24	107	172713	47.055	ng	100
37) 2-Methylnaphthalene	12.63	142	319661	42.036	ng	100
38) 1-Methylnaphthalene	12.85	142	309605	41.986	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	207522	46.896	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	121344	49.942	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	121874	42.718	ng	100
44) 2,4,5-Trichlorophenol	13.29	196	134327	43.196	ng	100
46) 1,1'-Biphenyl	13.63	154	431502	39.225	ng	100
47) 2-Chloronaphthalene	13.68	162	335707	39.784	ng	100
48) 2-Nitroaniline	13.88	65	116990	41.102	ng	100
49) Acenaphthylene	14.52	152	578064	40.404	ng	100
50) Dimethylphthalate	14.24	163	467135	42.870	ng	100
51) 2,6-Dinitrotoluene	14.37	165	90327	36.919	ng	100
52) Acenaphthene	14.86	154	325310	39.681	ng	100
53) 3-Nitroaniline	14.70	138	92539	35.731	ng	100
54) 2,4-Dinitrophenol	14.89	184	42901	32.971	ng	100
55) Dibenzofuran	15.19	168	538880	40.907	ng	100
56) 4-Nitrophenol	14.97	139	78181	37.403	ng	100
57) 2,4-Dinitrotoluene	15.14	165	120754	35.520	ng	100
58) Fluorene	15.83	166	439250	42.411	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	137192	48.617	ng	100
60) Diethylphthalate	15.59	149	488548	43.815	ng	100
61) 4-Chlorophenyl-phenylether	15.83	204	254705	46.008	ng	100
62) 4-Nitroaniline	15.86	138	103021	37.067	ng	100
63) Azobenzene	16.11	77	504368	47.955	ng	100
65) 4,6-Dinitro-2-methylphenol	15.90	198	58757	30.464	ng	100
66) n-Nitrosodiphenylamine	16.04	169	398706	39.688	ng	100
67) 4-Bromophenyl-phenylether	16.72	248	167547	43.369	ng	100
68) Hexachlorobenzene	16.82	284	172583	44.430	ng	100
69) Atrazine	16.98	200	162543	43.496	ng	100
70) Pentachlorophenol	17.17	266	102896	45.819	ng	100
71) Phenanthrene	17.58	178	737681	40.881	ng	100
72) Anthracene	17.67	178	744864	41.241	ng	100
73) Carbazole	17.94	167	677950	39.663	ng	100
74) Di-n-butylphthalate	18.48	149	814226	40.187	ng	100
75) Fluoranthene	19.58	202	918842	43.003	ng	100
77) Benzidine	19.76	184	424383	32.127	ng	100
78) Pyrene	19.94	202	936675	38.938	ng	100
80) Butylbenzylphthalate	20.81	149	358422	34.820	ng	100
81) Benzo(a)anthracene	21.80	228	933597	41.436	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	336642	39.277	ng	100
83) Chrysene	21.87	228	890771	41.137	ng	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	519784	35.325	ng	100
85) Di-n-octyl phthalate	22.96	149	875286	34.914	ng	100
86) Indeno(1,2,3-cd)pyrene	29.09	276	1061358	40.075	ng	100
88) Benzo(b)fluoranthene	24.12	252	900208	40.084	ng	100
89) Benzo(k)fluoranthene	24.19	252	837721	40.563	ng	100
90) Benzo(a)pyrene	25.04	252	855549	40.602	ng	100
91) Dibenzo(a,h)anthracene	29.17	278	865022	44.201	ng	100
92) Benzo(g,h,i)perylene	30.32	276	861584	42.839	ng	100

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

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