Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044810.D
Acq On : 16 Mar 2020 12:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/18/2020 8:44:04 AM

Quant Time: Mar 16 17:52:22 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	92138	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	346221	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	241421	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	576310	20.00	ng	0.00
76) Chrysene-d12	21.70	240	509217	20.00	ng	0.00
87) Perylene-d12	24.91	264	595689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	451301	76.25	ng	0.00
7) Phenol-d6	7.21	99	631782	73.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	604460	76.61	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	273257	86.45	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1256575	74.54	ng	0.00
79) Terphenyl-d14	20.04	244	1981809	72.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	103139	36.186	ng	100
3) Pyridine	3.92	79	303722	35.996	ng	100
4) n-Nitrosodimethylamine	3.83	42	109628	34.243	ng	100
6) Aniline	7.37	93	381310	35.634	ng	100
8) 2-Chlorophenol	7.61	128	216975	36.722	ng	100
9) Benzaldehyde	7.18	77	181075	32.843	ng	100
10) Phenol	7.23	94	312240	36.674	ng	100
11) bis(2-Chloroethyl)ether	7.46	93	244284	35.952	ng	100
12) 1,3-Dichlorobenzene	7.94	146	276031	37.925	ng	100
13) 1,4-Dichlorobenzene	8.09	146	270218	37.553	ng	100
14) 1,2-Dichlorobenzene	8.40	146	252380	36.982	ng	100
15) Benzyl Alcohol	8.28	79	251115	36.394	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	381945	31.853	ng	100
17) 2-Methylphenol	8.49	107	206818	35.862	ng	100
18) Hexachloroethane	9.14	117	106184	37.482	ng	100
19) n-Nitroso-di-n-propylamine	8.86	70	206541	34.014	ng	100
20) 3+4-Methylphenols	8.82	107	286399	36.025	ng	100
22) Acetophenone	8.87	105	360720	36.776	ng	100
24) Nitrobenzene	9.25	77	306251	37.408	ng	100
25) Isophorone	9.78	82	557428	36.199	ng	100
26) 2-Nitrophenol	9.96	139	124909	44.414	ng	100
27) 2,4-Dimethylphenol	10.02	122	182353	36.364	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	331830	36.109	ng	100
29) 2,4-Dichlorophenol	10.50	162	225955	38.577	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	269122	38.427	ng	100
31) Naphthalene	10.91	128	716270	37.346	ng	100
32) Benzoic acid	10.14	122	142071	38.711	ng	100
33) 4-Chloroaniline	11.01	127	318710	36.884	ng	100
34) Hexachlorobutadiene	11.21	225	180545	39.201	ng	100
35) Caprolactam	11.77	113	94285	42.516	ng	100
36) 4-Chloro-3-methylphenol	12.12	107	260693	37.319	ng	100
37) 2-Methylnaphthalene	12.51	142	522523	36.421	ng	100
38) 1-Methylnaphthalene	12.73	142	497724	36.902	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	293126	36.868	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	154534	35.565 ng	100
43) 2,4,6-Trichlorophenol	13.11	196	204962	38.844 ng	100
44) 2,4,5-Trichlorophenol	13.19	196	210778	38.519 ng	100
46) 1,1'-Biphenyl	13.52	154	694631	36.005 ng	100
47) 2-Chloronaphthalene	13.56	162	525535	35.659 ng	100
48) 2-Nitroaniline	13.75	65	198261	38.425 ng	100
49) Acenaphthylene	14.40	152	845214	36.607 ng	100
50) Dimethylphthalate	14.13	163	716964	37.287 ng	100
51) 2,6-Dinitrotoluene	14.24	165	155935	40.233 ng	100
52) Acenaphthene	14.74	154	549091	36.313 ng	100
53) 3-Nitroaniline	14.57	138	177610	39.859 ng	100
54) 2,4-Dinitrophenol	14.78	184	72358	40.333 ng	100
55) Dibenzofuran	15.08	168	822561	37.512 ng	100
56) 4-Nitrophenol	14.87	139	141222	41.527 ng	100
57) 2,4-Dinitrotoluene	15.03	165	229585	43.191 ng	100
58) Fluorene	15.73	166	675403	37.444 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	209567m	41.598 ng	
60) Diethylphthalate	15.50	149	751920	37.493 ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	371594	38.259 ng	100
62) 4-Nitroaniline	15.74	138	195137	41.069 ng	100
63) Azobenzene	16.02	77	735434	35.313 ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	111728	42.293 ng	100
66) n-Nitrosodiphenylamine	15.94	169	609177	35.109 ng	100
67) 4-Bromophenyl-phenylether	16.62	248	256094	35.545 ng	100
68) Hexachlorobenzene	16.74	284	286261	36.623 ng	100
69) Atrazine	16.88	200	239116	37.615 ng	100
70) Pentachlorophenol	17.08	266	171171	39.801 ng	100
71) Phenanthrene	17.47	178	1122424	36.446 ng	100
72) Anthracene	17.56	178	1116217	36.757 ng	100
73) Carbazole	17.82	167	1075597	36.873 ng	100
74) Di-n-butylphthalate	18.40	149	1334685	37.639 ng	100
75) Fluoranthene	19.48	202	1376762	37.546 ng	100
77) Benzidine	19.65	184	634858	38.404 ng	100
78) Pyrene	19.84	202	1380815	36.960 ng	100
80) Butylbenzylphthalate	20.73	149	620630	37.341 ng	100
81) Benzo(a)anthracene	21.68	228	1342123	36.603 ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	512622	36.137 ng	100
83) Chrysene	21.75	228	1278796	36.510 ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	836224	36.455 ng	100
85) Di-n-octyl phthalate	22.82	149	1440012	37.515 ng	100
86) Indeno(1,2,3-cd)pyrene	28.57	276	1654742	36.036 ng	100
88) Benzo(b)fluoranthene	23.89	252	1402381	35.660 ng	100
89) Benzo(k)fluoranthene	23.96	252	1360538	36.558 ng	100
90) Benzo(a)pyrene	24.76	252	1339809	36.410 ng	100
91) Dibenzo(a,h)anthracene	28.64	278	1330157	36.640 ng	100
92) Benzo(g,h,i)perylene	29.71	276	1322453	36.056 ng	100

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

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