Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044740.D
Acq On : 12 Mar 2020 18:10
Operator : CG/JU
Sample : L1893-14MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-SAMS

Manual Integrations APPROVED
mohammad
3/16/2020 1:48:21 PM

Quant Time: Mar 13 07:17:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	102328	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	428431	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	293840	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	660271	20.00	ng		0.00
76) Chrysene-d12	21.70	240	568806	20.00	ng		0.00
87) Perylene-d12	24.92	264	674399	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	737399	112.18	ng		0.00
7) Phenol-d6	7.21	99	1033821	108.25	ng		0.00
23) Nitrobenzene-d5	9.21	82	666725	68.29	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	387044	100.60	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1357321	66.15	ng		0.00
79) Terphenyl-d14	20.04	244	2039165	67.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	112893	35.664	ng		98
3) Pyridine	3.91	79	278128	29.680	ng		98
4) n-Nitrosodimethylamine	3.83	42	152068	42.770	ng	#	87
6) Aniline	7.37	93	278472	23.432	ng		96
8) 2-Chlorophenol	7.62	128	309534	47.171	ng		96
9) Benzaldehyde	7.18	77	251040	44.566	ng		95
10) Phenol	7.24	94	431753	45.662	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	305218	40.446	ng		98
12) 1,3-Dichlorobenzene	7.94	146	315629	39.047	ng		98
13) 1,4-Dichlorobenzene	8.09	146	324673	40.627	ng		98
14) 1,2-Dichlorobenzene	8.41	146	294277	38.827	ng		94
15) Benzyl Alcohol	8.29	79	331317	43.236	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	507141	38.082	ng		100
17) 2-Methylphenol	8.49	107	283911	44.327	ng		92
18) Hexachloroethane	9.15	117	126901	40.334	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	270156	40.060	ng		97
20) 3+4-Methylphenols	8.82	107	396036	44.855	ng		97
22) Acetophenone	8.87	105	463442	38.183	ng		99
24) Nitrobenzene	9.25	77	405767	40.053	ng		98
25) Isophorone	9.78	82	740910	38.882	ng		99
26) 2-Nitrophenol	9.97	139	155924	44.755	ng		96
27) 2,4-Dimethylphenol	10.03	122	301268	48.549	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	425707	37.435	ng		98
29) 2,4-Dichlorophenol	10.51	162	311397	42.963	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	325397	37.546	ng		98
31) Naphthalene	10.91	128	931083	39.231	ng		99
32) Benzoic acid	10.17	122	183089	39.914	ng		90
33) 4-Chloroaniline	11.01	127	109147	10.208	ng		96
34) Hexachlorobutadiene	11.21	225	213905	37.532	ng		98
35) Caprolactam	11.78	113	113928m	41.516	ng		
36) 4-Chloro-3-methylphenol	12.13	107	364999	42.224	ng		97
37) 2-Methylnaphthalene	12.52	142	685192	38.595	ng		99
38) 1-Methylnaphthalene	12.74	142	661118	39.611	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	360662	37.270	ng		98

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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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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	493510	93.317 ng		94
43) 2,4,6-Trichlorophenol	13.12	196	265068	41.274 ng		97
44) 2,4,5-Trichlorophenol	13.19	196	285478	42.863 ng		97
46) 1,1'-Biphenyl	13.53	154	879720	37.464 ng		99
47) 2-Chloronaphthalene	13.56	162	671227	37.420 ng		99
48) 2-Nitroaniline	13.76	65	253334	40.340 ng		97
49) Acenaphthylene	14.41	152	1114372	39.654 ng		99
50) Dimethylphthalate	14.14	163	1041360	44.497 ng		98
51) 2,6-Dinitrotoluene	14.25	165	200901	42.588 ng		95
52) Acenaphthene	14.75	154	774791	42.098 ng		97
53) 3-Nitroaniline	14.58	138	93361	17.214 ng		97
54) 2,4-Dinitrophenol	14.78	184	194822	79.134 ng	#	69
55) Dibenzofuran	15.09	168	1044124	39.122 ng		99
56) 4-Nitrophenol	14.88	139	348392	84.170 ng		98
57) 2,4-Dinitrotoluene	15.04	165	272772	42.161 ng		96
58) Fluorene	15.74	166	855140	38.951 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	265470m	43.294 ng		
60) Diethylphthalate	15.51	149	946563	38.779 ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	462065	39.087 ng		98
62) 4-Nitroaniline	15.74	138	209737	36.267 ng		98
63) Azobenzene	16.02	77	994034	39.216 ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	144789	46.825 ng		99
66) n-Nitrosodiphenylamine	15.94	169	778577	39.166 ng		99
67) 4-Bromophenyl-phenylether	16.62	248	311817	37.776 ng		97
68) Hexachlorobenzene	16.75	284	338830	37.837 ng		97
69) Atrazine	16.89	200	306127	42.033 ng		99
70) Pentachlorophenol	17.08	266	417777	84.790 ng		96
71) Phenanthrene	17.47	178	1383734	39.217 ng		99
72) Anthracene	17.57	178	1397634	40.171 ng		100
73) Carbazole	17.83	167	1323268	39.595 ng		98
74) Di-n-butylphthalate	18.40	149	1584839	39.011 ng		99
75) Fluoranthene	19.48	202	1682394	40.046 ng		99
77) Benzidine	19.65	184	663238	35.917 ng		99
78) Pyrene	19.84	202	1691447	40.532 ng		99
80) Butylbenzylphthalate	20.74	149	731751	39.415 ng		96
81) Benzo(a)anthracene	21.69	228	1625807	39.694 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	238039	15.023 ng		95
83) Chrysene	21.75	228	1542958	39.437 ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1034242	40.364 ng		99
85) Di-n-octyl phthalate	22.84	149	1760435	41.058 ng		99
86) Indeno(1,2,3-cd)pyrene	28.59	276	2111959	41.174 ng		99
88) Benzo(b)fluoranthene	23.90	252	1750482	39.317 ng		99
89) Benzo(k)fluoranthene	23.97	252	1709653	40.577 ng		99
90) Benzo(a)pyrene	24.77	252	1638651	39.334 ng		99
91) Dibenzo(a,h)anthracene	28.66	278	1692804	41.188 ng		97
92) Benzo(g,h,i)perylene	29.72	276	1749547	42.133 ng		98

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

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