Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044741.D
Acq On : 12 Mar 2020 18:50
Operator : CG/JU
Sample : L1893-14MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-SAMSD

Manual Integrations APPROVED
mohammad
3/16/2020 1:48:24 PM

Quant Time: Mar 13 07:18:32 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	114695	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	459695	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	314612	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	686842	20.00	ng		0.00
76) Chrysene-d12	21.70	240	579473	20.00	ng		0.00
87) Perylene-d12	24.92	264	702885	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	900282	122.19	ng		0.00
7) Phenol-d6	7.21	99	1258857	117.60	ng		0.00
23) Nitrobenzene-d5	9.21	82	819436	78.22	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	481102	116.79	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1627841	74.10	ng		0.00
79) Terphenyl-d14	20.04	244	2359873	76.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	131162	36.968	ng		97
3) Pyridine	3.91	79	329631	31.383	ng		98
4) n-Nitrosodimethylamine	3.83	42	163819	41.107	ng	#	93
6) Aniline	7.37	93	329040	24.702	ng		96
8) 2-Chlorophenol	7.62	128	362158	49.240	ng		100
9) Benzaldehyde	7.18	77	294303	47.606	ng		98
10) Phenol	7.24	94	509908	48.113	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	355883	42.075	ng		99
12) 1,3-Dichlorobenzene	7.94	146	372900	41.158	ng		94
13) 1,4-Dichlorobenzene	8.09	146	372757	41.615	ng		98
14) 1,2-Dichlorobenzene	8.41	146	350373	41.244	ng		94
15) Benzyl Alcohol	8.29	79	392055	45.646	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	584100	39.132	ng		98
17) 2-Methylphenol	8.49	107	341016	47.502	ng		93
18) Hexachloroethane	9.15	117	147309	41.772	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	313228	41.438	ng		96
20) 3+4-Methylphenols	8.82	107	471665	47.661	ng		97
22) Acetophenone	8.87	105	554552	42.582	ng		99
24) Nitrobenzene	9.25	77	466509	42.918	ng		99
25) Isophorone	9.78	82	875580	42.825	ng		97
26) 2-Nitrophenol	9.97	139	184356	48.755	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	345274	51.857	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	503791	41.289	ng		97
29) 2,4-Dichlorophenol	10.51	162	363840	46.785	ng		100
30) 1,2,4-Trichlorobenzene	10.73	180	380358	40.903	ng		95
31) Naphthalene	10.92	128	1077497	42.313	ng		99
32) Benzoic acid	10.17	122	229036	44.931	ng		94
33) 4-Chloroaniline	11.01	127	116318	10.139	ng		95
34) Hexachlorobutadiene	11.21	225	252465	41.285	ng		98
35) Caprolactam	11.78	113	131101m	44.524	ng		
36) 4-Chloro-3-methylphenol	12.13	107	422718	45.575	ng		95
37) 2-Methylnaphthalene	12.52	142	809405	42.491	ng		99
38) 1-Methylnaphthalene	12.74	142	772936	43.161	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	421601	40.691	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	570372	100.729	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	309658	45.034	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	337504	47.329	ng		97
46) 1,1'-Biphenyl	13.53	154	1016269	40.422	ng		98
47) 2-Chloronaphthalene	13.57	162	786079	40.929	ng		98
48) 2-Nitroaniline	13.76	65	292435	43.492	ng		98
49) Acenaphthylene	14.41	152	1289450	42.855	ng		99
50) Dimethylphthalate	14.14	163	1212417	48.386	ng		99
51) 2,6-Dinitrotoluene	14.25	165	232754	46.083	ng		98
52) Acenaphthene	14.75	154	917084	46.540	ng		99
53) 3-Nitroaniline	14.57	138	97053	16.713	ng		100
54) 2,4-Dinitrophenol	14.78	184	240235	89.875	ng	#	68
55) Dibenzofuran	15.09	168	1203227	42.107	ng		99
56) 4-Nitrophenol	14.88	139	405805	91.568	ng		99
57) 2,4-Dinitrotoluene	15.04	165	319750	46.160	ng	#	94
58) Fluorene	15.74	166	988280	42.043	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	307694	46.867	ng		94
60) Diethylphthalate	15.51	149	1065101	40.754	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	532589	42.078	ng		97
62) 4-Nitroaniline	15.74	138	239391	38.661	ng		95
63) Azobenzene	16.02	77	1131601	41.695	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	173498	52.765	ng		94
66) n-Nitrosodiphenylamine	15.94	169	901515	43.596	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	363055	42.282	ng		97
68) Hexachlorobenzene	16.75	284	383275	41.144	ng		98
69) Atrazine	16.89	200	348202	45.960	ng		99
70) Pentachlorophenol	17.08	266	480098	93.669	ng		98
71) Phenanthrene	17.47	178	1567739	42.713	ng		99
72) Anthracene	17.57	178	1598759	44.174	ng		100
73) Carbazole	17.83	167	1493113	42.949	ng		98
74) Di-n-butylphthalate	18.40	149	1769991	41.883	ng		99
75) Fluoranthene	19.48	202	1892406	43.303	ng		99
77) Benzidine	19.65	184	773705	41.128	ng		98
78) Pyrene	19.84	202	1895898	44.594	ng		98
80) Butylbenzylphthalate	20.74	149	837324	44.271	ng		97
81) Benzo(a)anthracene	21.69	228	1821533	43.654	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	270071	16.730	ng		97
83) Chrysene	21.75	228	1743949	43.754	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1150691	44.083	ng		99
85) Di-n-octyl phthalate	22.84	149	1969268	45.083	ng		100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2357034	45.107	ng		99
88) Benzo(b)fluoranthene	23.91	252	1953788	42.105	ng		99
89) Benzo(k)fluoranthene	23.98	252	1910430	43.505	ng		99
90) Benzo(a)pyrene	24.77	252	1826156	42.058	ng		98
91) Dibenzo(a,h)anthracene	28.66	278	1891925	44.167	ng		99
92) Benzo(g,h,i)perylene	29.73	276	1948504	45.023	ng		98

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

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