Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044764.D
Acq On : 13 Mar 2020 12:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/16/2020 1:51:32 PM

Quant Time: Mar 13 15:36:23 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	8.05	152	90035	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	357260	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	249142	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	560804	20.00	ng		0.00
76) Chrysene-d12	21.70	240	510542	20.00	ng		-0.01
87) Perylene-d12	24.92	264	618402	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	420526	72.71	ng		0.00
7) Phenol-d6	7.21	99	629886	74.96	ng		0.00
23) Nitrobenzene-d5	9.21	82	615347	75.58	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	258269	79.17	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1277211	73.41	ng		0.00
79) Terphenyl-d14	20.04	244	1977922	72.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	95307	34.219	ng		94
3) Pyridine	3.92	79	299182	36.286	ng		98
4) n-Nitrosodimethylamine	3.83	42	118834	37.986	ng		92
6) Aniline	7.37	93	377651	36.116	ng		98
8) 2-Chlorophenol	7.62	128	210770	36.505	ng		99
9) Benzaldehyde	7.18	77	180811	33.799	ng		98
10) Phenol	7.23	94	298627	35.895	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	234266	35.283	ng		97
12) 1,3-Dichlorobenzene	7.95	146	260314	36.601	ng		94
13) 1,4-Dichlorobenzene	8.09	146	254828	36.241	ng		97
14) 1,2-Dichlorobenzene	8.41	146	238445	35.756	ng		99
15) Benzyl Alcohol	8.28	79	252583	37.462	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	419494	35.801	ng		97
17) 2-Methylphenol	8.49	107	203251	36.066	ng		92
18) Hexachloroethane	9.15	117	103576	37.416	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	209489	35.305	ng		99
20) 3+4-Methylphenols	8.82	107	290663	37.415	ng		99
22) Acetophenone	8.87	105	357878	35.359	ng		97
24) Nitrobenzene	9.25	77	309501	36.637	ng		97
25) Isophorone	9.78	82	560255	35.259	ng		99
26) 2-Nitrophenol	9.96	139	118372	41.239	ng		98
27) 2,4-Dimethylphenol	10.03	122	186216	35.987	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	337683	35.610	ng		98
29) 2,4-Dichlorophenol	10.50	162	232422	38.455	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	264002	36.531	ng		96
31) Naphthalene	10.91	128	719302	36.346	ng		99
32) Benzoic acid	10.15	122	145350	38.463	ng		96
33) 4-Chloroaniline	11.01	127	320085	35.899	ng		98
34) Hexachlorobutadiene	11.21	225	180286	37.935	ng		99
35) Caprolactam	11.77	113	84352	36.862	ng	#	80
36) 4-Chloro-3-methylphenol	12.12	107	266142	36.921	ng		97
37) 2-Methylnaphthalene	12.52	142	538889	36.402	ng		98
38) 1-Methylnaphthalene	12.74	142	509859	36.634	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	295027	35.957	ng		99

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Quant Time: Mar 13 15:36:23 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)
41) Hexachlorocyclopentadiene	12.87	237	164406	36.664	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	207377	38.084	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	213249	37.763	ng		92
46) 1,1'-Biphenyl	13.52	154	704647	35.392	ng		99
47) 2-Chloronaphthalene	13.56	162	550148	36.172	ng		96
48) 2-Nitroaniline	13.75	65	208171	39.096	ng		99
49) Acenaphthylene	14.41	152	852991	35.799	ng		99
50) Dimethylphthalate	14.14	163	720275	36.299	ng		98
51) 2,6-Dinitrotoluene	14.25	165	155427	38.859	ng		93
52) Acenaphthene	14.75	154	562580	36.052	ng		99
53) 3-Nitroaniline	14.57	138	174267	37.897	ng		99
54) 2,4-Dinitrophenol	14.78	184	67696	37.342	ng	#	73
55) Dibenzofuran	15.09	168	821276	36.293	ng		98
56) 4-Nitrophenol	14.87	139	132393	37.724	ng		98
57) 2,4-Dinitrotoluene	15.03	165	220647	40.223	ng		95
58) Fluorene	15.73	166	673577	36.185	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	201021m	38.665	ng		
60) Diethylphthalate	15.51	149	758676	36.658	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	361994	36.115	ng		96
62) 4-Nitroaniline	15.74	138	188729	38.489	ng		95
63) Azobenzene	16.02	77	763885	35.543	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	98578	39.068	ng		97
66) n-Nitrosodiphenylamine	15.94	169	601049	35.599	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	256432	36.576	ng		94
68) Hexachlorobenzene	16.74	284	277867	36.533	ng		96
69) Atrazine	16.89	200	235804	38.120	ng		98
70) Pentachlorophenol	17.08	266	163901	39.165	ng		96
71) Phenanthrene	17.48	178	1107157	36.944	ng		98
72) Anthracene	17.57	178	1088952	36.850	ng		97
73) Carbazole	17.83	167	1046617	36.872	ng		97
74) Di-n-butylphthalate	18.41	149	1307425	37.890	ng		99
75) Fluoranthene	19.48	202	1365419	38.266	ng		96
77) Benzidine	19.65	184	702351	42.376	ng		99
78) Pyrene	19.84	202	1345241	35.914	ng		99
80) Butylbenzylphthalate	20.74	149	627125	37.634	ng		98
81) Benzo(a)anthracene	21.68	228	1355011	36.858	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	538689	37.877	ng		96
83) Chrysene	21.75	228	1314689	37.438	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	848245	36.883	ng		99
85) Di-n-octyl phthalate	22.84	149	1469051	38.172	ng		99
86) Indeno(1,2,3-cd)pyrene	28.58	276	1752202	38.059	ng		99
88) Benzo(b)fluoranthene	23.90	252	1449303	35.500	ng		99
89) Benzo(k)fluoranthene	23.97	252	1431342	37.048	ng		100
90) Benzo(a)pyrene	24.77	252	1391441	36.425	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1386466	36.789	ng		98
92) Benzo(g,h,i)perylene	29.72	276	1389036	36.480	ng		98

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

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