Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
Data File : BG055256.D
Acq On : 24 Oct 2022 14:30
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 24 15:27:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 14:49:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.277	152	35594	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	168185	20.000	ng		0.00
39) Acenaphthene-d10	14.887	164	119767	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	269465	20.000	ng		0.00
76) Chrysene-d12	21.902	240	236992	20.000	ng		0.00
86) Perylene-d12	25.298	264	250608	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	194327	98.225	ng		0.00
7) Phenol-d6	7.413	99	297197	98.585	ng		0.00
23) Nitrobenzene-d5	9.446	82	323129	92.755	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	129066	103.999	ng		0.00
45) 2-Fluorobiphenyl	13.518	172	694201	92.584	ng		0.00
79) Terphenyl-d14	20.192	244	1062517	83.538	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.606	88	43908	45.637	ng		98
3) Pyridine	4.023	79	141528m	46.715	ng		
4) n-Nitrosodimethylamine	3.935	42	63111	44.517	ng		97
6) Aniline	7.589	93	191189	48.919	ng		98
8) 2-Chlorophenol	7.830	128	116698	48.787	ng		98
9) Benzaldehyde	7.401	77	92375	44.081	ng		98
10) Phenol	7.442	94	166834	48.986	ng		98
11) bis(2-Chloroethyl)ether	7.677	93	122412	46.682	ng		99
12) 1,3-Dichlorobenzene	8.165	146	126128	48.610	ng		97
13) 1,4-Dichlorobenzene	8.312	146	127011	47.919	ng		99
14) 1,2-Dichlorobenzene	8.635	146	122809	48.627	ng		97
15) Benzyl Alcohol	8.506	79	126760	48.960	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.800	45	201178	42.569	ng		99
17) 2-Methylphenol	8.706	107	116292	49.329	ng		98
18) Hexachloroethane	9.370	117	45680	47.614	ng		99
19) n-Nitroso-di-n-propyla...	9.082	70	124360	48.097	ng		99
20) 3+4-Methylphenols	9.040	107	168984	50.998	ng		100
22) Acetophenone	9.099	105	209249	45.996	ng	#	99
24) Nitrobenzene	9.493	77	169244	45.433	ng		99
25) Isophorone	10.016	82	327221	45.910	ng		98
26) 2-Nitrophenol	10.204	139	77459	52.860	ng		99
27) 2,4-Dimethylphenol	10.251	122	117884m	50.517	ng		
28) bis(2-Chloroethoxy)met...	10.486	93	165329	48.272	ng		99
29) 2,4-Dichlorophenol	10.744	162	127827	51.305	ng		98
30) 1,2,4-Trichlorobenzene	10.962	180	126435	49.564	ng		98
31) Naphthalene	11.156	128	438057	49.361	ng		99
32) Benzoic acid	10.404	122	87250	52.234	ng		98
33) 4-Chloroaniline	11.256	127	191019	52.270	ng		98
34) Hexachlorobutadiene	11.432	225	72291	46.931	ng		99
35) Caprolactam	12.031	113	54934	50.172	ng		92
36) 4-Chloro-3-methylphenol	12.354	107	160107	49.421	ng		99
37) 2-Methylnaphthalene	12.736	142	321856	47.680	ng		99
38) 1-Methylnaphthalene	12.954	142	313285	47.012	ng		100
40) 1,2,4,5-Tetrachloroben...	13.100	216	141769	50.359	ng		100
41) Hexachlorocyclopentadiene	13.071	237	65037	50.729	ng		96
43) 2,4,6-Trichlorophenol	13.330	196	106423	49.670	ng		99

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44) 2,4,5-Trichlorophenol	13.406	196	118934	50.596	ng		98
46) 1,1'-Biphenyl	13.729	154	402316	47.440	ng		99
47) 2-Chloronaphthalene	13.776	162	316687	48.504	ng		99
48) 2-Nitroaniline	13.970	65	127093	47.967	ng		99
49) Acenaphthylene	14.616	152	541505	48.482	ng		98
50) Dimethylphthalate	14.328	163	443844	47.114	ng		99
51) 2,6-Dinitrotoluene	14.452	165	95330	50.432	ng		99
52) Acenaphthene	14.951	154	351556m	49.436	ng		
53) 3-Nitroaniline	14.787	138	118070	50.144	ng		96
54) 2,4-Dinitrophenol	14.992	184	52178	54.754	ng		97
55) Dibenzofuran	15.280	168	514954	50.272	ng		100
56) 4-Nitrophenol	15.080	139	87294	52.726	ng		98
57) 2,4-Dinitrotoluene	15.239	165	137812	52.140	ng		93
58) Fluorene	15.927	166	426831	49.480	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.504	232	103950	50.781	ng		100
60) Diethylphthalate	15.680	149	467508	47.436	ng		99
61) 4-Chlorophenyl-phenyle...	15.909	204	199315	49.780	ng		99
62) 4-Nitroaniline	15.944	138	119917	50.207	ng		98
63) Azobenzene	16.203	77	468033	46.987	ng		99
65) 4,6-Dinitro-2-methylph...	15.997	198	79063	54.928	ng		99
66) n-Nitrosodiphenylamine	16.120	169	368592	49.011	ng		100
67) 4-Bromophenyl-phenylether	16.802	248	131727	50.154	ng		98
68) Hexachlorobenzene	16.925	284	145905	50.758	ng		100
69) Atrazine	17.055	200	113012	45.593	ng		98
70) Pentachlorophenol	17.266	266	79760	51.414	ng		98
71) Phenanthrene	17.666	178	691515	48.092	ng		100
72) Anthracene	17.754	178	672097	47.832	ng		99
73) Carbazole	18.018	167	632293	48.865	ng		100
74) Di-n-butylphthalate	18.547	149	789376	46.771	ng		99
75) Fluoranthene	19.652	202	772869	48.523	ng		99
77) Benzidine	19.822	184	319685	53.046	ng		98
78) Pyrene	20.010	202	781571	43.767	ng		99
80) Butylbenzylphthalate	20.868	149	364957	43.724	ng		100
81) Benzo(a)anthracene	21.878	228	742452	48.298	ng		99
82) 3,3'-Dichlorobenzidine	21.779	252	253275	47.984	ng		99
83) Chrysene	21.949	228	701706	49.016	ng		99
84) Bis(2-ethylhexyl)phtha...	21.749	149	513110	46.983	ng		97
85) Di-n-octyl phthalate	23.018	149	871182	53.504	ng		100
87) Indeno(1,2,3-cd)pyrene	29.217	276	894808	51.336	ng	#	92
88) Benzo(b)fluoranthene	24.211	252	730990	49.119	ng		99
89) Benzo(k)fluoranthene	24.287	252	736193	48.845	ng		99
90) Benzo(a)pyrene	25.139	252	626743	49.067	ng		99
91) Dibenzo(a,h)anthracene	29.276	278	734705	51.451	ng		100
92) Benzo(g,h,i)perylene	30.439	276	728331	52.651	ng		99

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

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