Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020722\
Data File : BG052303.D
Acq On : 7 Feb 2022 13:39
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 07 17:51:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 17:50:41 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.226	152	23891	20.000	ng		0.00
21) Naphthalene-d8	11.063	136	107395	20.000	ng		0.00
39) Acenaphthene-d10	14.870	164	82230	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	201358	20.000	ng		0.00
76) Chrysene-d12	21.931	240	213768	20.000	ng		0.00
86) Perylene-d12	25.397	264	213011	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.753	112	29138	20.743	ng		0.00
7) Phenol-d6	7.368	99	44716	20.864	ng		0.00
23) Nitrobenzene-d5	9.395	82	50799	19.249	ng		0.00
42) 2,4,6-Tribromophenol	16.356	330	22546	19.501	ng		0.00
45) 2-Fluorobiphenyl	13.489	172	119540	18.154	ng		0.00
79) Terphenyl-d14	20.210	244	252190	19.307	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.579	88	7352	10.080	ng		90
3) Pyridine	3.996	79	19157	10.772	ng		93
4) n-Nitrosodimethylamine	3.902	42	10078	9.494	ng	#	81
6) Aniline	7.538	93	25740	10.542	ng		97
8) 2-Chlorophenol	7.785	128	16206	10.045	ng		97
9) Benzaldehyde	7.345	77	14369m	9.319	ng		
10) Phenol	7.392	94	22900	10.495	ng		93
11) bis(2-Chloroethyl)ether	7.621	93	17457	9.459	ng		97
12) 1,3-Dichlorobenzene	8.114	146	18132	9.485	ng		99
13) 1,4-Dichlorobenzene	8.261	146	18535	9.574	ng		93
14) 1,2-Dichlorobenzene	8.584	146	18419	9.624	ng		98
15) Benzyl Alcohol	8.455	79	17275	9.870	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.754	45	25906	9.181	ng		97
17) 2-Methylphenol	8.666	107	14255	10.060	ng		96
18) Hexachloroethane	9.324	117	6665	9.766	ng		87
19) n-Nitroso-di-n-propyla...	9.025	70	17515	10.083	ng		97
20) 3+4-Methylphenols	8.995	107	21230	10.977	ng		92
22) Acetophenone	9.048	105	28976	9.207	ng	#	94
24) Nitrobenzene	9.436	77	24815	10.185	ng		98
25) Isophorone	9.965	82	41527	9.181	ng		99
26) 2-Nitrophenol	10.158	139	9640m	10.313	ng		
27) 2,4-Dimethylphenol	10.211	122	14466	9.403	ng		88
28) bis(2-Chloroethoxy)met...	10.446	93	24620	9.301	ng	#	95
29) 2,4-Dichlorophenol	10.705	162	17463	9.288	ng		93
30) 1,2,4-Trichlorobenzene	10.922	180	20795	9.478	ng		96
31) Naphthalene	11.116	128	57224	9.234	ng		100
32) Benzoic acid	10.311	122	6208m	12.415	ng		
33) 4-Chloroaniline	11.216	127	23502	10.233	ng		95
34) Hexachlorobutadiene	11.404	225	14439	8.970	ng		94
35) Caprolactam	11.950	113	5982	9.119	ng		95
36) 4-Chloro-3-methylphenol	12.326	107	19213	9.576	ng		90
37) 2-Methylnaphthalene	12.708	142	42665	9.092	ng		99
38) 1-Methylnaphthalene	12.925	142	41475	9.322	ng		100
40) 1,2,4,5-Tetrachloroben...	13.078	216	27139	9.311	ng		97
41) Hexachlorocyclopentadiene	13.060	237	8317	13.135	ng		99
43) 2,4,6-Trichlorophenol	13.307	196	16806	10.256	ng		86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	18855	10.058	ng	#	87
46) 1,1'-Biphenyl	13.701	154	58755	9.031	ng		98
47) 2-Chloronaphthalene	13.754	162	46020	9.163	ng		99
48) 2-Nitroaniline	13.942	65	15714	9.277	ng		95
49) Acenaphthylene	14.594	152	77000	9.599	ng		98
50) Dimethylphthalate	14.306	163	62282	8.975	ng		99
51) 2,6-Dinitrotoluene	14.429	165	13681	9.719	ng		89
52) Acenaphthene	14.934	154	48159	9.219	ng		97
53) 3-Nitroaniline	14.758	138	13730	10.165	ng		94
54) 2,4-Dinitrophenol	14.975	184	4880	12.227	ng	#	77
55) Dibenzofuran	15.269	168	78952	8.828	ng		99
56) 4-Nitrophenol	15.069	139	9619	10.069	ng		89
57) 2,4-Dinitrotoluene	15.216	165	19072	10.423	ng		99
58) Fluorene	15.915	166	62456	9.223	ng		88
59) 2,3,4,6-Tetrachlorophenol	15.492	232	18072	9.756	ng		97
60) Diethylphthalate	15.663	149	63894	9.211	ng	#	96
61) 4-Chlorophenyl-phenyle...	15.898	204	34939	8.772	ng		98
62) 4-Nitroaniline	15.921	138	15040	9.817	ng		88
63) Azobenzene	16.191	77	66557	9.122	ng		97
65) 4,6-Dinitro-2-methylph...	15.986	198	10346	10.772	ng		96
66) n-Nitrosodiphenylamine	16.109	169	56160	9.989	ng		97
67) 4-Bromophenyl-phenylether	16.797	248	24439	9.867	ng		97
68) Hexachlorobenzene	16.932	284	26102	8.886	ng		90
69) Atrazine	17.049	200	23429	9.564	ng		90
70) Pentachlorophenol	17.272	266	10168	11.385	ng		95
71) Phenanthrene	17.660	178	105883	9.443	ng		95
72) Anthracene	17.754	178	104401	9.505	ng		98
73) Carbazole	18.018	167	102362	9.648	ng		98
74) Di-n-butylphthalate	18.559	149	108972	9.670	ng		98
75) Fluoranthene	19.663	202	138831	9.307	ng		99
77) Benzidine	19.834	184	40092	9.853	ng		96
78) Pyrene	20.022	202	142556	9.997	ng		98
80) Butylbenzylphthalate	20.897	149	45781	10.033	ng		93
81) Benzo(a)anthracene	21.913	228	141240	9.601	ng		99
82) 3,3'-Dichlorobenzidine	21.813	252	47321	10.293	ng	#	95
83) Chrysene	21.984	228	136399	9.522	ng		96
84) Bis(2-ethylhexyl)phtha...	21.790	149	62190	9.891	ng		97
85) Di-n-octyl phthalate	23.088	149	106171	10.256	ng		96
87) Indeno(1,2,3-cd)pyrene	29.397	276	153074	9.501	ng	#	98
88) Benzo(b)fluoranthene	24.292	252	131800	9.773	ng		97
89) Benzo(k)fluoranthene	24.363	252	132916	9.806	ng		98
90) Benzo(a)pyrene	25.238	252	109704	9.517	ng		96
91) Dibenzo(a,h)anthracene	29.456	278	129437	9.733	ng		97
92) Benzo(g,h,i)perylene	30.637	276	125039	9.648	ng		99

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

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