Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
Data File : BG053533.D
Acq On : 12 May 2022 16:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 13 06:36:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	25870	20.000	ng		0.00
21) Naphthalene-d8	10.895	136	110463	20.000	ng		0.00
39) Acenaphthene-d10	14.714	164	90562	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	221467	20.000	ng		0.00
76) Chrysene-d12	21.740	240	209668	20.000	ng		0.00
86) Perylene-d12	25.012	264	222228	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.650	112	120478	79.036	ng		0.00
7) Phenol-d6	7.247	99	194359	84.014	ng		0.00
23) Nitrobenzene-d5	9.251	82	212932	82.056	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	110431	82.677	ng		0.00
45) 2-Fluorobiphenyl	13.333	172	498055	80.365	ng		0.00
79) Terphenyl-d14	20.060	244	912610	81.067	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	30615	38.279	ng		99
3) Pyridine	3.934	79	80625m	41.278	ng		
4) n-Nitrosodimethylamine	3.840	42	39647	41.669	ng	#	90
6) Aniline	7.406	93	110480	43.118	ng		97
8) 2-Chlorophenol	7.653	128	63869	40.080	ng		95
9) Benzaldehyde	7.218	77	57394m	39.052	ng		
10) Phenol	7.277	94	95297	42.119	ng		98
11) bis(2-Chloroethyl)ether	7.500	93	68677	40.699	ng		99
12) 1,3-Dichlorobenzene	7.976	146	75109	39.953	ng		95
13) 1,4-Dichlorobenzene	8.123	146	75672	39.889	ng		95
14) 1,2-Dichlorobenzene	8.440	146	71541	40.160	ng		94
15) Benzyl Alcohol	8.322	79	85204	44.054	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.604	45	115711	42.132	ng		99
17) 2-Methylphenol	8.528	107	65175	42.619	ng		98
18) Hexachloroethane	9.168	117	28529	39.602	ng		92
19) n-Nitroso-di-n-propyla...	8.886	70	70830	42.673	ng		98
20) 3+4-Methylphenols	8.857	107	91889	42.545	ng		96
22) Acetophenone	8.910	105	120544	39.873	ng		98
24) Nitrobenzene	9.292	77	103770	41.317	ng		99
25) Isophorone	9.815	82	183520	42.022	ng		98
26) 2-Nitrophenol	10.008	139	43313	42.579	ng		93
27) 2,4-Dimethylphenol	10.061	122	62395	40.758	ng		92
28) bis(2-Chloroethoxy)met...	10.290	93	104102	41.447	ng		97
29) 2,4-Dichlorophenol	10.549	162	80058	43.330	ng		93
30) 1,2,4-Trichlorobenzene	10.760	180	85209	40.590	ng		99
31) Naphthalene	10.948	128	225498	40.132	ng		98
32) Benzoic acid	10.238	122	33017m	36.889	ng		
33) 4-Chloroaniline	11.054	127	99328	42.210	ng		98
34) Hexachlorobutadiene	11.230	225	63312	40.672	ng		95
35) Caprolactam	11.829	113	28400	42.298	ng		95
36) 4-Chloro-3-methylphenol	12.176	107	94211	42.628	ng		96
37) 2-Methylnaphthalene	12.546	142	174441	41.600	ng		99
38) 1-Methylnaphthalene	12.764	142	171269m	41.862	ng		
40) 1,2,4,5-Tetrachloroben...	12.916	216	117343	41.106	ng		100
41) Hexachlorocyclopentadiene	12.893	237	37938	37.860	ng		94
43) 2,4,6-Trichlorophenol	13.157	196	78371	42.059	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	83592	42.151	ng		98
46) 1,1'-Biphenyl	13.545	154	245666	39.797	ng		99
47) 2-Chloronaphthalene	13.592	162	192595	39.822	ng		99
48) 2-Nitroaniline	13.792	65	77346	42.919	ng		97
49) Acenaphthylene	14.438	152	311437	40.354	ng		100
50) Dimethylphthalate	14.162	163	273326	39.717	ng		100
51) 2,6-Dinitrotoluene	14.279	165	56782	40.499	ng		98
52) Acenaphthene	14.778	154	184852	40.191	ng		97
53) 3-Nitroaniline	14.614	138	60446	39.901	ng		93
54) 2,4-Dinitrophenol	14.825	184	29756	37.069	ng		95
55) Dibenzofuran	15.107	168	329424	39.875	ng		98
56) 4-Nitrophenol	14.931	139	40955	37.850	ng		93
57) 2,4-Dinitrotoluene	15.072	165	82397	40.544	ng		90
58) Fluorene	15.759	166	264169	39.847	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.342	232	81319	40.414	ng		97
60) Diethylphthalate	15.519	149	280831	39.505	ng		98
61) 4-Chlorophenyl-phenyle...	15.742	204	149665	40.457	ng		99
62) 4-Nitroaniline	15.777	138	64022	40.745	ng		99
63) Azobenzene	16.036	77	291845	40.092	ng		99
65) 4,6-Dinitro-2-methylph...	15.842	198	56049	42.472	ng		96
66) n-Nitrosodiphenylamine	15.959	169	235472	40.496	ng		99
67) 4-Bromophenyl-phenylether	16.641	248	108450	41.929	ng		98
68) Hexachlorobenzene	16.770	284	113784	40.168	ng		99
69) Atrazine	16.905	200	93826	38.330	ng		96
70) Pentachlorophenol	17.116	266	54668	38.404	ng		98
71) Phenanthrene	17.498	178	449836	39.946	ng		98
72) Anthracene	17.592	178	438593	39.624	ng		99
73) Carbazole	17.857	167	417297	38.468	ng		99
74) Di-n-butylphthalate	18.403	149	474751	38.913	ng		99
75) Fluoranthene	19.507	202	561336	38.497	ng		98
77) Benzidine	19.678	184	192263	42.544	ng		98
78) Pyrene	19.872	202	556001	40.964	ng		99
80) Butylbenzylphthalate	20.741	149	207966	41.785	ng		97
81) Benzo(a)anthracene	21.716	228	542529	40.569	ng		99
82) 3,3'-Dichlorobenzidine	21.628	252	141170	41.628	ng		95
83) Chrysene	21.787	228	508586	40.720	ng		97
84) Bis(2-ethylhexyl)phtha...	21.604	149	287489	41.850	ng		98
85) Di-n-octyl phthalate	22.832	149	487137	41.936	ng		100
87) Indeno(1,2,3-cd)pyrene	28.771	276	632145	40.842	ng	#	95
88) Benzo(b)fluoranthene	23.972	252	544727	41.411	ng		99
89) Benzo(k)fluoranthene	24.042	252	516632	39.969	ng		98
90) Benzo(a)pyrene	24.859	252	457341	40.848	ng	#	98
91) Dibenzo(a,h)anthracene	28.830	278	515722	40.438	ng		99
92) Benzo(g,h,i)perylene	29.946	276	509586	40.309	ng		96

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

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