Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053193.D
Acq On : 19 Apr 2022 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 19 15:27:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

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04/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	28702	20.000	ng		0.00
21) Naphthalene-d8	10.931	136	115655	20.000	ng	#	0.00
39) Acenaphthene-d10	14.738	164	88978	20.000	ng		-0.01
64) Phenanthrene-d10	17.481	188	218499	20.000	ng		-0.01
76) Chrysene-d12	21.769	240	224032	20.000	ng		0.00
86) Perylene-d12	25.065	264	241157	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.679	112	148132	88.470	ng		0.00
7) Phenol-d6	7.277	99	224448	86.925	ng		0.00
23) Nitrobenzene-d5	9.280	82	236096	82.887	ng		0.00
42) 2,4,6-Tribromophenol	16.230	330	117849	83.250	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	533983	82.752	ng		0.00
79) Terphenyl-d14	20.083	244	1046474	78.890	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	36292	45.387	ng		97
3) Pyridine	3.964	79	98313	46.617	ng	#	87
4) n-Nitrosodimethylamine	3.876	42	45747	43.804	ng		91
6) Aniline	7.436	93	127733	42.685	ng		95
8) 2-Chlorophenol	7.682	128	77757	43.016	ng		95
9) Benzaldehyde	7.248	77	62363	40.405	ng		94
10) Phenol	7.301	94	109820	42.728	ng		92
11) bis(2-Chloroethyl)ether	7.530	93	79708	43.022	ng		91
12) 1,3-Dichlorobenzene	8.005	146	91768m	43.688	ng		
13) 1,4-Dichlorobenzene	8.152	146	91986	42.955	ng		98
14) 1,2-Dichlorobenzene	8.475	146	88338	42.778	ng		98
15) Benzyl Alcohol	8.352	79	93511	40.744	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.640	45	132593	42.866	ng		96
17) 2-Methylphenol	8.558	107	73875	42.475	ng		94
18) Hexachloroethane	9.210	117	34534	43.005	ng		99
19) n-Nitroso-di-n-propyla...	8.916	70	80648	42.663	ng		97
20) 3+4-Methylphenols	8.881	107	103093	41.989	ng		92
22) Acetophenone	8.940	105	134539	41.931	ng	#	96
24) Nitrobenzene	9.321	77	114594	41.361	ng		93
25) Isophorone	9.844	82	201008	41.518	ng		98
26) 2-Nitrophenol	10.032	139	48667	42.007	ng		95
27) 2,4-Dimethylphenol	10.091	122	70143	42.275	ng		95
28) bis(2-Chloroethoxy)met...	10.320	93	114096	41.948	ng		95
29) 2,4-Dichlorophenol	10.578	162	87424	41.912	ng		98
30) 1,2,4-Trichlorobenzene	10.790	180	97417	41.264	ng		98
31) Naphthalene	10.984	128	257340	41.706	ng		99
32) Benzoic acid	10.232	122	43421	40.799	ng		98
33) 4-Chloroaniline	11.084	127	108086	40.905	ng		96
34) Hexachlorobutadiene	11.266	225	73165	41.721	ng		100
35) Caprolactam	11.847	113	30080	40.912	ng	#	79
36) 4-Chloro-3-methylphenol	12.200	107	101647	41.858	ng		92
37) 2-Methylnaphthalene	12.576	142	189607	41.527	ng		97
38) 1-Methylnaphthalene	12.793	142	186679m	41.887	ng		
40) 1,2,4,5-Tetrachloroben...	12.946	216	125855	41.646	ng		99
41) Hexachlorocyclopentadiene	12.928	237	58316	37.382	ng		93
43) 2,4,6-Trichlorophenol	13.181	196	85117	40.851	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	88373	39.802	ng		96
46) 1,1'-Biphenyl	13.574	154	262328	40.940	ng		98
47) 2-Chloronaphthalene	13.621	162	210571	41.190	ng		99
48) 2-Nitroaniline	13.815	65	81256	41.883	ng		93
49) Acenaphthylene	14.461	152	333063	41.620	ng		98
50) Dimethylphthalate	14.185	163	295824	41.567	ng		98
51) 2,6-Dinitrotoluene	14.303	165	60286	40.605	ng	#	84
52) Acenaphthene	14.802	154	225500m	41.552	ng		
53) 3-Nitroaniline	14.638	138	66067	42.083	ng		100
54) 2,4-Dinitrophenol	14.843	184	37085	39.256	ng	#	83
55) Dibenzofuran	15.137	168	357199	42.035	ng		97
56) 4-Nitrophenol	14.943	139	50703	42.346	ng	#	76
57) 2,4-Dinitrotoluene	15.096	165	89803	42.485	ng		92
58) Fluorene	15.783	166	286115	41.688	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.366	232	91509	42.440	ng		98
60) Diethylphthalate	15.542	149	304156	40.790	ng		100
61) 4-Chlorophenyl-phenyle...	15.771	204	162822	41.850	ng		96
62) 4-Nitroaniline	15.801	138	70044	42.281	ng	#	81
63) Azobenzene	16.065	77	313561	41.709	ng		98
65) 4,6-Dinitro-2-methylph...	15.860	198	63392	41.585	ng		94
66) n-Nitrosodiphenylamine	15.983	169	258368	41.120	ng		100
67) 4-Bromophenyl-phenylether	16.664	248	117453	41.952	ng		96
68) Hexachlorobenzene	16.794	284	122891	40.531	ng		94
69) Atrazine	16.929	200	94710	38.588	ng		98
70) Pentachlorophenol	17.134	266	70217	42.375	ng		97
71) Phenanthrene	17.528	178	494891	41.466	ng		98
72) Anthracene	17.616	178	483995	40.934	ng		98
73) Carbazole	17.886	167	472116	41.077	ng		99
74) Di-n-butylphthalate	18.433	149	526504	40.391	ng		97
75) Fluoranthene	19.531	202	638747	41.752	ng		99
77) Benzidine	19.701	184	209263	32.738	ng		99
78) Pyrene	19.895	202	633882	39.728	ng		98
80) Butylbenzylphthalate	20.771	149	234539	39.428	ng		99
81) Benzo(a)anthracene	21.746	228	620577	40.514	ng		99
82) 3,3'-Dichlorobenzidine	21.658	252	215195	38.200	ng		97
83) Chrysene	21.816	228	587683	41.340	ng		98
84) Bis(2-ethylhexyl)phtha...	21.640	149	324310	40.334	ng		100
85) Di-n-octyl phthalate	22.874	149	553116	41.131	ng		96
87) Indeno(1,2,3-cd)pyrene	28.848	276	732200	40.867	ng		98
88) Benzo(b)fluoranthene	24.019	252	623457	40.975	ng		99
89) Benzo(k)fluoranthene	24.090	252	601401	40.216	ng		98
90) Benzo(a)pyrene	24.912	252	530911	40.958	ng		98
91) Dibenzo(a,h)anthracene	28.907	278	599891	40.681	ng		98
92) Benzo(g,h,i)perylene	30.034	276	589292	40.544	ng		97

04/20/2022 Supervised By :Jagrut Upadhyay

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

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