Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055733.D
Acq On : 22 Nov 2022 10:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 01:36:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.246	152	38669	20.000	ng		0.00
21) Naphthalene-d8	11.072	136	172272	20.000	ng		0.00
39) Acenaphthene-d10	14.868	164	130720	20.000	ng		0.00
64) Phenanthrene-d10	17.605	188	298198	20.000	ng		0.00
76) Chrysene-d12	21.906	240	272620	20.000	ng		0.00
86) Perylene-d12	25.302	264	293755	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.772	112	159171	74.402	ng		0.00
7) Phenol-d6	7.388	99	222347	78.077	ng		0.00
23) Nitrobenzene-d5	9.415	82	242009	74.251	ng		0.00
42) 2,4,6-Tribromophenol	16.348	330	130804	71.062	ng		0.00
45) 2-Fluorobiphenyl	13.493	172	625501	71.686	ng		0.00
79) Terphenyl-d14	20.191	244	1013374	74.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.604	88	37288	40.785	ng		97
3) Pyridine	4.021	79	106917	38.120	ng		96
4) n-Nitrosodimethylamine	3.927	42	55226	37.191	ng		94
6) Aniline	7.558	93	141071	39.439	ng		99
8) 2-Chlorophenol	7.805	128	94524	38.650	ng		98
9) Benzaldehyde	7.370	77	71523	36.981	ng		99
10) Phenol	7.412	94	125588	39.386	ng		97
11) bis(2-Chloroethyl)ether	7.652	93	95057	38.900	ng		96
12) 1,3-Dichlorobenzene	8.134	146	105329	36.631	ng		99
13) 1,4-Dichlorobenzene	8.281	146	107159	36.880	ng		99
14) 1,2-Dichlorobenzene	8.604	146	102634	36.861	ng		98
15) Benzyl Alcohol	8.475	79	92474	39.955	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.763	45	173838	39.297	ng		98
17) 2-Methylphenol	8.681	107	89814	39.673	ng		96
18) Hexachloroethane	9.339	117	38129	38.127	ng		97
19) n-Nitroso-di-n-propyla...	9.045	70	89072	40.708	ng		98
20) 3+4-Methylphenols	9.010	107	131517	41.588	ng		98
22) Acetophenone	9.068	105	164932	36.844	ng	#	97
24) Nitrobenzene	9.462	77	124471	36.561	ng		99
25) Isophorone	9.979	82	240084	38.876	ng		98
26) 2-Nitrophenol	10.173	139	61156	38.913	ng		98
27) 2,4-Dimethylphenol	10.226	122	90355m	37.775	ng		
28) bis(2-Chloroethoxy)met...	10.455	93	126627	38.194	ng		100
29) 2,4-Dichlorophenol	10.714	162	109361	38.199	ng		99
30) 1,2,4-Trichlorobenzene	10.931	180	119610	35.961	ng		99
31) Naphthalene	11.125	128	342995	36.831	ng		100
32) Benzoic acid	10.361	122	67503	34.302	ng		95
33) 4-Chloroaniline	11.225	127	150114	39.076	ng		96
34) Hexachlorobutadiene	11.401	225	79070	34.814	ng		98
35) Caprolactam	11.994	113	37796	38.150	ng		95
36) 4-Chloro-3-methylphenol	12.329	107	125317	39.825	ng		97
37) 2-Methylnaphthalene	12.711	142	263545	37.796	ng		100
38) 1-Methylnaphthalene	12.929	142	255808	37.790	ng		98
40) 1,2,4,5-Tetrachloroben...	13.075	216	144519	35.181	ng		99
41) Hexachlorocyclopentadiene	13.046	237	79889	38.586	ng		97
43) 2,4,6-Trichlorophenol	13.310	196	103543	36.951	ng		98

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44) 2,4,5-Trichlorophenol	13.381	196	116444	37.814	ng		99
46) 1,1'-Biphenyl	13.704	154	346039	36.327	ng		98
47) 2-Chloronaphthalene	13.751	162	271793	36.709	ng		99
48) 2-Nitroaniline	13.945	65	94387	38.774	ng		99
49) Acenaphthylene	14.591	152	448999	36.826	ng		100
50) Dimethylphthalate	14.309	163	380149	36.481	ng		99
51) 2,6-Dinitrotoluene	14.433	165	80650	37.852	ng		99
52) Acenaphthene	14.932	154	300341m	37.691	ng		
53) 3-Nitroaniline	14.768	138	87145	37.258	ng		97
54) 2,4-Dinitrophenol	14.973	184	50338	41.091	ng		98
55) Dibenzofuran	15.261	168	446140	36.292	ng		99
56) 4-Nitrophenol	15.061	139	70258	38.272	ng		98
57) 2,4-Dinitrotoluene	15.220	165	114377	38.075	ng		96
58) Fluorene	15.907	166	354985	36.156	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.484	232	107755	36.113	ng		97
60) Diethylphthalate	15.661	149	381004	36.164	ng		99
61) 4-Chlorophenyl-phenyle...	15.890	204	193903	35.928	ng		97
62) 4-Nitroaniline	15.925	138	88795	36.317	ng		98
63) Azobenzene	16.189	77	339862	36.950	ng		99
65) 4,6-Dinitro-2-methylph...	15.984	198	67118	40.309	ng		96
66) n-Nitrosodiphenylamine	16.107	169	316548	38.519	ng		100
67) 4-Bromophenyl-phenylether	16.789	248	127439	37.508	ng		98
68) Hexachlorobenzene	16.912	284	140463	37.284	ng		99
69) Atrazine	17.041	200	116087	35.717	ng		100
70) Pentachlorophenol	17.253	266	82995	36.012	ng		99
71) Phenanthrene	17.652	178	590613	36.702	ng		99
72) Anthracene	17.741	178	578102	36.974	ng		100
73) Carbazole	18.005	167	505511	35.964	ng		99
74) Di-n-butylphthalate	18.540	149	634702	36.366	ng		99
75) Fluoranthene	19.644	202	681168	34.794	ng		99
77) Benzidine	19.815	184	219667	34.830	ng		98
78) Pyrene	20.009	202	684446	37.091	ng		100
80) Butylbenzylphthalate	20.872	149	278330	38.529	ng		99
81) Benzo(a)anthracene	21.883	228	690062	36.750	ng		100
82) 3,3'-Dichlorobenzidine	21.789	252	241648	36.625	ng		99
83) Chrysene	21.953	228	656161	36.707	ng		98
84) Bis(2-ethylhexyl)phtha...	21.754	149	396918	38.232	ng		100
85) Di-n-octyl phthalate	23.029	149	682109	38.392	ng		100
87) Indeno(1,2,3-cd)pyrene	29.233	276	824086	34.244	ng	#	94
88) Benzo(b)fluoranthene	24.221	252	687171	35.919	ng		100
89) Benzo(k)fluoranthene	24.292	252	681045	35.713	ng		100
90) Benzo(a)pyrene	25.150	252	584439	35.600	ng		99
91) Dibenzo(a,h)anthracene	29.292	278	685493	34.858	ng		99
92) Benzo(g,h,i)perylene	30.461	276	667265	33.666	ng		98

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

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