Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100322\
Data File : BG055053.D
Acq On : 3 Oct 2022 20:24
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 05:02:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 04:58:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	25959	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	117862	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	86198	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	202277	20.000	ng	0.00
76) Chrysene-d12	21.984	240	191795	20.000	ng	0.00
86) Perylene-d12	25.433	264	210289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	154933	114.411	ng	0.00
7) Phenol-d6	7.471	99	235804	131.242	ng	0.00
23) Nitrobenzene-d5	9.516	82	263167	144.070	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	109951	112.414	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	657120	120.000	ng	0.00
79) Terphenyl-d14	20.262	244	1119689	121.736	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	35894	53.515	ng	99
3) Pyridine	4.105	79	118187m	62.006	ng	
4) n-Nitrosodimethylamine	4.017	42	66832	72.112	ng	96
6) Aniline	7.654	93	158605	67.002	ng	100
8) 2-Chlorophenol	7.900	128	91290	60.372	ng	95
9) Benzaldehyde	7.466	77	76010	63.630	ng	99
10) Phenol	7.495	94	131573	64.567	ng	92
11) bis(2-Chloroethyl)ether	7.748	93	97422	63.700	ng	99
12) 1,3-Dichlorobenzene	8.229	146	109366	59.086	ng	100
13) 1,4-Dichlorobenzene	8.376	146	109823	58.503	ng	98
14) 1,2-Dichlorobenzene	8.705	146	106738	60.172	ng	98
15) Benzyl Alcohol	8.570	79	107078	69.632	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.864	45	179771	70.248	ng	99
17) 2-Methylphenol	8.770	107	92709	65.131	ng	94
18) Hexachloroethane	9.446	117	37076	60.123	ng	97
19) n-Nitroso-di-n-propyla...	9.152	70	104516	74.044	ng	99
20) 3+4-Methylphenols	9.099	107	135723	69.197	ng	97
22) Acetophenone	9.169	105	178186	61.627	ng	99
24) Nitrobenzene	9.557	77	139280	70.376	ng	94
25) Isophorone	10.080	82	267672	65.266	ng	100
26) 2-Nitrophenol	10.274	139	44986	59.425	ng	91
27) 2,4-Dimethylphenol	10.315	122	96468	60.172	ng	97
28) bis(2-Chloroethoxy)met...	10.556	93	132792	62.028	ng	99
29) 2,4-Dichlorophenol	10.803	162	109373	61.082	ng	99
30) 1,2,4-Trichlorobenzene	11.032	180	125275	59.601	ng	93
31) Naphthalene	11.226	128	374723	60.955	ng	100
32) Benzoic acid	10.444	122	61070	59.167	ng	94
33) 4-Chloroaniline	11.320	127	157888	63.140	ng	98
34) Hexachlorobutadiene	11.508	225	80661	58.819	ng	96
35) Caprolactam	12.095	113	39330	66.885	ng	95
36) 4-Chloro-3-methylphenol	12.407	107	124588	63.060	ng	98
37) 2-Methylnaphthalene	12.806	142	277754	62.968	ng	97
38) 1-Methylnaphthalene	13.018	142	269612	63.309	ng	99
40) 1,2,4,5-Tetrachloroben...	13.159	216	153520	60.686	ng	99
41) Hexachlorocyclopentadiene	13.141	237	72445	56.551	ng	96
43) 2,4,6-Trichlorophenol	13.388	196	97654	60.598	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	108043	58.951	ng		99
46) 1,1'-Biphenyl	13.793	154	355887	60.356	ng		99
47) 2-Chloronaphthalene	13.835	162	285721	59.957	ng		100
48) 2-Nitroaniline	14.023	65	85314	73.301	ng		98
49) Acenaphthylene	14.675	152	472848	61.150	ng		99
50) Dimethylphthalate	14.393	163	383490	59.532	ng		99
51) 2,6-Dinitrotoluene	14.510	165	74839	69.872	ng		95
52) Acenaphthene	15.016	154	298703	62.230	ng		97
53) 3-Nitroaniline	14.839	138	86699	68.600	ng	#	99
54) 2,4-Dinitrophenol	15.039	184	34852	64.145	ng	#	61
55) Dibenzofuran	15.345	168	467185	60.219	ng		100
56) 4-Nitrophenol	15.121	139	64743	62.102	ng		97
57) 2,4-Dinitrotoluene	15.292	165	100950	70.011	ng		96
58) Fluorene	15.991	166	372539	60.142	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.556	232	100065	60.601	ng		100
60) Diethylphthalate	15.744	149	391690	58.932	ng		100
61) 4-Chlorophenyl-phenyle...	15.973	204	202888	61.234	ng		97
62) 4-Nitroaniline	15.997	138	90692	66.132	ng		97
63) Azobenzene	16.267	77	392129	62.875	ng		99
65) 4,6-Dinitro-2-methylph...	16.050	198	49349	63.371	ng		99
66) n-Nitrosodiphenylamine	16.185	169	330433	60.683	ng		97
67) 4-Bromophenyl-phenylether	16.866	248	129194	59.293	ng		97
68) Hexachlorobenzene	16.990	284	149258	60.648	ng		94
69) Atrazine	17.119	200	108852	53.937	ng		99
70) Pentachlorophenol	17.325	266	82481	59.520	ng		95
71) Phenanthrene	17.724	178	632950	60.611	ng		99
72) Anthracene	17.818	178	615112	59.714	ng		99
73) Carbazole	18.077	167	548520	56.808	ng		99
74) Di-n-butylphthalate	18.617	149	633044	54.563	ng		100
75) Fluoranthene	19.716	202	759469	56.750	ng		99
77) Benzidine	19.880	184	183900	38.721	ng		99
78) Pyrene	20.074	202	759786	61.914	ng		98
80) Butylbenzylphthalate	20.944	149	250643	56.540	ng		99
81) Benzo(a)anthracene	21.960	228	740983	60.312	ng		99
82) 3,3'-Dichlorobenzidine	21.860	252	236035	59.410	ng		97
83) Chrysene	22.031	228	702555	60.718	ng		99
84) Bis(2-ethylhexyl)phtha...	21.849	149	376256	57.343	ng		99
85) Di-n-octyl phthalate	23.147	149	630037	57.218	ng		99
87) Indeno(1,2,3-cd)pyrene	29.422	276	944331	61.466	ng		99
88) Benzo(b)fluoranthene	24.334	252	760414	60.732	ng		99
89) Benzo(k)fluoranthene	24.410	252	763500	61.639	ng		100
90) Benzo(a)pyrene	25.274	252	651074	61.527	ng		98
91) Dibenzo(a,h)anthracene	29.510	278	757565	59.907	ng		99
92) Benzo(g,h,i)perylene	30.680	276	762748	61.312	ng		99

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

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