Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055854.D
Acq On : 1 Dec 2022 12:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 04:08:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.205	152	34787	20.000	ng		0.00
21) Naphthalene-d8	11.037	136	146995	20.000	ng		0.00
39) Acenaphthene-d10	14.839	164	111570	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	264112	20.000	ng		0.00
76) Chrysene-d12	21.866	240	241729	20.000	ng		0.00
86) Perylene-d12	25.250	264	260118	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.738	112	144285	74.970	ng		0.00
7) Phenol-d6	7.359	99	200790	78.375	ng		0.00
23) Nitrobenzene-d5	9.386	82	225508	81.086	ng		0.00
42) 2,4,6-Tribromophenol	16.325	330	125126	79.645	ng		0.00
45) 2-Fluorobiphenyl	13.458	172	589532	79.160	ng		0.00
79) Terphenyl-d14	20.162	244	949785	78.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.558	88	29099	35.380	ng		98
3) Pyridine	3.975	79	94157	37.317	ng		95
4) n-Nitrosodimethylamine	3.887	42	51834	38.802	ng		99
6) Aniline	7.524	93	125695	39.062	ng		98
8) 2-Chlorophenol	7.771	128	86846	39.473	ng		98
9) Benzaldehyde	7.336	77	65268m	37.513	ng		
10) Phenol	7.389	94	113193	39.460	ng		98
11) bis(2-Chloroethyl)ether	7.612	93	84168	38.287	ng		98
12) 1,3-Dichlorobenzene	8.094	146	98358	38.024	ng		96
13) 1,4-Dichlorobenzene	8.247	146	101154	38.699	ng		99
14) 1,2-Dichlorobenzene	8.564	146	97195	38.804	ng		98
15) Benzyl Alcohol	8.446	79	84060	40.373	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.728	45	160529	40.338	ng		99
17) 2-Methylphenol	8.652	107	83440	40.971	ng		97
18) Hexachloroethane	9.298	117	35970	39.982	ng		100
19) n-Nitroso-di-n-propyla...	9.010	70	81372	41.339	ng		97
20) 3+4-Methylphenols	8.981	107	118019	41.484	ng		98
22) Acetophenone	9.034	105	150685	39.450	ng	#	98
24) Nitrobenzene	9.427	77	114827	39.528	ng		99
25) Isophorone	9.945	82	215005	40.802	ng		99
26) 2-Nitrophenol	10.138	139	56877	42.413	ng		93
27) 2,4-Dimethylphenol	10.191	122	83470m	40.897	ng		
28) bis(2-Chloroethoxy)met...	10.420	93	114310	40.408	ng		99
29) 2,4-Dichlorophenol	10.685	162	102055	41.777	ng		99
30) 1,2,4-Trichlorobenzene	10.896	180	114573	40.370	ng		100
31) Naphthalene	11.090	128	312162	39.284	ng		100
32) Benzoic acid	10.332	122	48758	29.037	ng		99
33) 4-Chloroaniline	11.190	127	133485	40.722	ng		98
34) Hexachlorobutadiene	11.361	225	80290	41.431	ng		97
35) Caprolactam	11.972	113	34285	40.557	ng		97
36) 4-Chloro-3-methylphenol	12.306	107	112857	42.033	ng		98
37) 2-Methylnaphthalene	12.682	142	241097	40.522	ng		99
38) 1-Methylnaphthalene	12.894	142	233006	40.341	ng		100
40) 1,2,4,5-Tetrachloroben...	13.041	216	142188	40.554	ng		99
41) Hexachlorocyclopentadiene	13.017	237	64715	36.622	ng		100
43) 2,4,6-Trichlorophenol	13.282	196	93592	39.132	ng		95

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44)	2,4,5-Trichlorophenol	13.358	196	105430	40.114	ng		98
46)	1,1'-Biphenyl	13.670	154	321820	39.583	ng		99
47)	2-Chloronaphthalene	13.722	162	251119	39.738	ng		99
48)	2-Nitroaniline	13.922	65	85710	41.253	ng		94
49)	Acenaphthylene	14.563	152	409133	39.316	ng		99
50)	Dimethylphthalate	14.281	163	354972	39.912	ng		99
51)	2,6-Dinitrotoluene	14.410	165	74994	41.239	ng		99
52)	Acenaphthene	14.903	154	268783m	39.520	ng		
53)	3-Nitroaniline	14.739	138	80765	40.457	ng		97
54)	2,4-Dinitrophenol	14.956	184	37312	35.685	ng		95
55)	Dibenzofuran	15.232	168	414855	39.540	ng		99
56)	4-Nitrophenol	15.056	139	50781	32.411	ng		97
57)	2,4-Dinitrotoluene	15.197	165	108346	42.258	ng		93
58)	Fluorene	15.879	166	329633	39.336	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.462	232	93479	36.706	ng		97
60)	Diethylphthalate	15.632	149	355643	39.551	ng		99
61)	4-Chlorophenyl-phenyle...	15.861	204	184765	40.111	ng		97
62)	4-Nitroaniline	15.902	138	82949	39.749	ng		95
63)	Azobenzene	16.155	77	305537	38.920	ng		99
65)	4,6-Dinitro-2-methylph...	15.961	198	65117	44.154	ng		95
66)	n-Nitrosodiphenylamine	16.079	169	292111	40.132	ng		99
67)	4-Bromophenyl-phenylether	16.754	248	123899	41.173	ng		97
68)	Hexachlorobenzene	16.883	284	135629	40.647	ng		98
69)	Atrazine	17.013	200	112355	39.030	ng		99
70)	Pentachlorophenol	17.230	266	67235	32.939	ng		99
71)	Phenanthrene	17.624	178	554039	38.873	ng		99
72)	Anthracene	17.712	178	540198	39.009	ng		99
73)	Carbazole	17.976	167	476799	38.299	ng		100
74)	Di-n-butylphthalate	18.511	149	593184	38.373	ng		99
75)	Fluoranthene	19.616	202	638209	36.807	ng		100
77)	Benzidine	19.786	184	207698	37.140	ng		98
78)	Pyrene	19.980	202	649367	39.687	ng		100
80)	Butylbenzylphthalate	20.838	149	253675	39.603	ng		99
81)	Benzo(a)anthracene	21.848	228	652565	39.195	ng		100
82)	3,3'-Dichlorobenzidine	21.754	252	236270	40.386	ng		99
83)	Chrysene	21.919	228	620458	39.146	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.713	149	366931	39.860	ng		99
85)	Di-n-octyl phthalate	22.970	149	626520	39.770	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.151	276	784424	36.811	ng	#	95
88)	Benzo(b)fluoranthene	24.169	252	657970	38.841	ng		99
89)	Benzo(k)fluoranthene	24.240	252	648503	38.404	ng		100
90)	Benzo(a)pyrene	25.091	252	558518	38.421	ng		100
91)	Dibenzo(a,h)anthracene	29.210	278	650192	37.338	ng		99
92)	Benzo(g,h,i)perylene	30.374	276	642128	36.587	ng		98

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

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