Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053660.D
Acq On : 23 May 2022 12:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 05:08:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

05/24/2022
Supervised By :Jagrut Upadhyay

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.058	152	32181	20.000	ng		0.00
21) Naphthalene-d8	10.872	136	123885	20.000	ng		0.00
39) Acenaphthene-d10	14.690	164	93024	20.000	ng		0.00
64) Phenanthrene-d10	17.439	188	216891	20.000	ng		0.00
76) Chrysene-d12	21.716	240	187606	20.000	ng		0.00
86) Perylene-d12	24.982	264	187219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.626	112	149070	78.615	ng		0.00
7) Phenol-d6	7.229	99	227060	78.901	ng		0.00
23) Nitrobenzene-d5	9.227	82	242636	83.373	ng		0.00
42) 2,4,6-Tribromophenol	16.182	330	111145	81.010	ng		0.00
45) 2-Fluorobiphenyl	13.315	172	533005	83.728	ng		0.00
79) Terphenyl-d14	20.041	244	868925	86.263	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	33546	33.718	ng		95
3) Pyridine	3.899	79	91546	37.678	ng		93
4) n-Nitrosodimethylamine	3.810	42	44616	37.696	ng	#	98
6) Aniline	7.382	93	126467	39.678	ng		99
8) 2-Chlorophenol	7.629	128	78751	39.727	ng		96
9) Benzaldehyde	7.194	77	62783m	34.341	ng		
10) Phenol	7.253	94	111880	39.751	ng		95
11) bis(2-Chloroethyl)ether	7.470	93	82976	39.529	ng		98
12) 1,3-Dichlorobenzene	7.952	146	92109	39.388	ng		95
13) 1,4-Dichlorobenzene	8.093	146	91636	38.832	ng		96
14) 1,2-Dichlorobenzene	8.416	146	90109	40.663	ng		96
15) Benzyl Alcohol	8.299	79	93121	38.705	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.586	45	133314	39.022	ng		99
17) 2-Methylphenol	8.510	107	75902	39.900	ng		96
18) Hexachloroethane	9.144	117	34404	38.391	ng		95
19) n-Nitroso-di-n-propyla...	8.862	70	80473	38.974	ng		98
20) 3+4-Methylphenols	8.839	107	103961	38.695	ng		94
22) Acetophenone	8.880	105	140844	41.540	ng	#	99
24) Nitrobenzene	9.268	77	114835	40.768	ng		98
25) Isophorone	9.791	82	202579	41.361	ng		100
26) 2-Nitrophenol	9.984	139	48531	42.540	ng		95
27) 2,4-Dimethylphenol	10.043	122	69612	40.545	ng		94
28) bis(2-Chloroethoxy)met...	10.266	93	112620	39.980	ng		98
29) 2,4-Dichlorophenol	10.531	162	87634	42.292	ng		91
30) 1,2,4-Trichlorobenzene	10.736	180	100198	42.559	ng		98
31) Naphthalene	10.924	128	263435	41.804	ng		100
32) Benzoic acid	10.225	122	34834m	35.205	ng		
33) 4-Chloroaniline	11.030	127	110409	41.836	ng		98
34) Hexachlorobutadiene	11.206	225	76972	44.090	ng		95
35) Caprolactam	11.806	113	29298	38.908	ng		92
36) 4-Chloro-3-methylphenol	12.158	107	98493	39.737	ng		98
37) 2-Methylnaphthalene	12.522	142	190617	40.532	ng		99
38) 1-Methylnaphthalene	12.740	142	185583	40.446	ng		98
40) 1,2,4,5-Tetrachloroben...	12.892	216	125000	42.630	ng		100
41) Hexachlorocyclopentadiene	12.869	237	30525	31.571	ng		98
43) 2,4,6-Trichlorophenol	13.133	196	81491	42.576	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.215	196	86259	42.344	ng		98
46)	1,1'-Biphenyl	13.521	154	264942	41.783	ng		98
47)	2-Chloronaphthalene	13.574	162	205630	41.392	ng		99
48)	2-Nitroaniline	13.773	65	77990	42.131	ng		97
49)	Acenaphthylene	14.414	152	321769	40.589	ng		99
50)	Dimethylphthalate	14.144	163	276096	39.058	ng		99
51)	2,6-Dinitrotoluene	14.261	165	57663	40.039	ng		95
52)	Acenaphthene	14.755	154	190825	40.392	ng		99
53)	3-Nitroaniline	14.596	138	62457	40.137	ng		96
54)	2,4-Dinitrophenol	14.819	184	30865	37.372	ng		92
55)	Dibenzofuran	15.089	168	338096	39.842	ng		98
56)	4-Nitrophenol	14.925	139	41164	37.037	ng		90
57)	2,4-Dinitrotoluene	15.054	165	84353	40.408	ng		92
58)	Fluorene	15.736	166	269526	39.579	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.324	232	79514	38.471	ng		98
60)	Diethylphthalate	15.495	149	285050	39.037	ng		99
61)	4-Chlorophenyl-phenyle...	15.724	204	150536	39.615	ng		98
62)	4-Nitroaniline	15.759	138	64249	39.808	ng		99
63)	Azobenzene	16.017	77	295684	39.544	ng		98
65)	4,6-Dinitro-2-methylph...	15.830	198	57447	44.450	ng		94
66)	n-Nitrosodiphenylamine	15.941	169	239118	41.991	ng		99
67)	4-Bromophenyl-phenylether	16.617	248	107297	42.359	ng		98
68)	Hexachlorobenzene	16.752	284	113976	41.085	ng		97
69)	Atrazine	16.881	200	92439	38.560	ng		97
70)	Pentachlorophenol	17.098	266	50493	36.484	ng		96
71)	Phenanthrene	17.480	178	445936	40.435	ng		97
72)	Anthracene	17.568	178	441062	40.688	ng		99
73)	Carbazole	17.839	167	425822	40.082	ng		100
74)	Di-n-butylphthalate	18.385	149	479044	40.093	ng		99
75)	Fluoranthene	19.489	202	540541	37.853	ng		98
77)	Benzidine	19.660	184	202009	49.958	ng		98
78)	Pyrene	19.853	202	541799	44.612	ng		99
80)	Butylbenzylphthalate	20.723	149	193613	43.475	ng		96
81)	Benzo(a)anthracene	21.698	228	484044	40.452	ng		99
82)	3,3'-Dichlorobenzidine	21.604	252	131205	43.239	ng		96
83)	Chrysene	21.763	228	462899	41.420	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.581	149	258748	42.095	ng		98
85)	Di-n-octyl phthalate	22.802	149	430803	41.447	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.730	276	539848	41.401	ng	#	95
88)	Benzo(b)fluoranthene	23.942	252	457116	41.249	ng		99
89)	Benzo(k)fluoranthene	24.013	252	457822	42.042	ng		96
90)	Benzo(a)pyrene	24.829	252	389430	41.287	ng		99
91)	Dibenzo(a,h)anthracene	28.783	278	446821	41.586	ng		98
92)	Benzo(g,h,i)perylene	29.905	276	439220	41.240	ng		95

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

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