Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
Data File : BG053082.D
Acq On : 8 Apr 2022 13:45
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 08 15:00:42 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 14:56:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.122	152	34204	20.000	ng		0.00
21) Naphthalene-d8	10.936	136	137446	20.000	ng		0.00
39) Acenaphthene-d10	14.748	164	103627	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	247808	20.000	ng		0.00
76) Chrysene-d12	21.780	240	227643	20.000	ng		0.00
86) Perylene-d12	25.081	264	241333	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	219805	111.915	ng		0.00
7) Phenol-d6	7.282	99	344371	116.302	ng		0.00
23) Nitrobenzene-d5	9.291	82	379318	138.513	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	187250	134.473	ng		0.00
45) 2-Fluorobiphenyl	13.374	172	825961	117.553	ng		0.00
79) Terphenyl-d14	20.094	244	1502334	117.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	51879	52.804	ng		95
3) Pyridine	3.969	79	143270m	56.887	ng		
4) n-Nitrosodimethylamine	3.881	42	72151	64.579	ng		86
6) Aniline	7.446	93	200363	57.710	ng		95
8) 2-Chlorophenol	7.687	128	118345	57.345	ng		92
9) Benzaldehyde	7.252	77	98493m	54.157	ng		
10) Phenol	7.311	94	168483	57.643	ng		88
11) bis(2-Chloroethyl)ether	7.534	93	123583	55.988	ng		91
12) 1,3-Dichlorobenzene	8.016	146	138817	55.867	ng	#	94
13) 1,4-Dichlorobenzene	8.157	146	141243	56.575	ng		95
14) 1,2-Dichlorobenzene	8.480	146	130754	55.378	ng		96
15) Benzyl Alcohol	8.357	79	155810	62.495	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.651	45	202200	52.602	ng		100
17) 2-Methylphenol	8.562	107	113084	58.036	ng		94
18) Hexachloroethane	9.215	117	53751	58.682	ng		96
19) n-Nitroso-di-n-propyla...	8.927	70	126513	60.327	ng	#	95
20) 3+4-Methylphenols	8.891	107	167337	61.365	ng		95
22) Acetophenone	8.944	105	212743	59.812	ng	#	97
24) Nitrobenzene	9.326	77	184323	67.270	ng	#	89
25) Isophorone	9.855	82	329272	62.097	ng	#	98
26) 2-Nitrophenol	10.043	139	80064	84.142	ng	#	84
27) 2,4-Dimethylphenol	10.102	122	112533	57.808	ng		92
28) bis(2-Chloroethoxy)met...	10.331	93	184277	58.774	ng		97
29) 2,4-Dichlorophenol	10.583	162	141630	64.657	ng		99
30) 1,2,4-Trichlorobenzene	10.801	180	156710	60.645	ng		97
31) Naphthalene	10.989	128	409303	57.587	ng		99
32) Benzoic acid	10.266	122	77361	59.128	ng	#	88
33) 4-Chloroaniline	11.088	127	175731	58.335	ng		96
34) Hexachlorobutadiene	11.276	225	116789	63.037	ng		99
35) Caprolactam	11.876	113	50115	83.788	ng	#	87
36) 4-Chloro-3-methylphenol	12.205	107	165944	65.238	ng		93
37) 2-Methylnaphthalene	12.581	142	306374	58.860	ng		95
38) 1-Methylnaphthalene	12.798	142	294731	58.018	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.951	216	197321	60.948	ng		99
41) Hexachlorocyclopentadiene	12.933	237	112074	58.401	ng		91
43) 2,4,6-Trichlorophenol	13.186	196	138283	66.697	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.262	196	150236	71.391	ng		95
46)	1,1'-Biphenyl	13.585	154	415563	57.343	ng		99
47)	2-Chloronaphthalene	13.626	162	326829	57.266	ng		97
48)	2-Nitroaniline	13.820	65	130280	83.468	ng		92
49)	Acenaphthylene	14.472	152	525908	57.806	ng		99
50)	Dimethylphthalate	14.196	163	464291	60.284	ng		100
51)	2,6-Dinitrotoluene	14.314	165	98623	75.845	ng	#	81
52)	Acenaphthene	14.813	154	361944m	62.100	ng		
53)	3-Nitroaniline	14.648	138	105066	69.050	ng		98
54)	2,4-Dinitrophenol	14.848	184	68071	96.037	ng	#	86
55)	Dibenzofuran	15.142	168	545709	57.335	ng		97
56)	4-Nitrophenol	14.954	139	83895	67.592	ng	#	78
57)	2,4-Dinitrotoluene	15.101	165	140799	78.039	ng	#	84
58)	Fluorene	15.794	166	443069	57.107	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.371	232	143863	63.958	ng		98
60)	Diethylphthalate	15.553	149	484599	59.609	ng		98
61)	4-Chlorophenyl-phenyle...	15.782	204	251648	58.813	ng		97
62)	4-Nitroaniline	15.811	138	110091	68.474	ng	#	78
63)	Azobenzene	16.070	77	481630	55.428	ng		95
65)	4,6-Dinitro-2-methylph...	15.870	198	102092	92.410	ng		96
66)	n-Nitrosodiphenylamine	15.994	169	395488	56.688	ng		97
67)	4-Bromophenyl-phenylether	16.675	248	181808	60.853	ng		97
68)	Hexachlorobenzene	16.804	284	194983	60.717	ng		96
69)	Atrazine	16.939	200	141689	55.079	ng		98
70)	Pentachlorophenol	17.145	266	116034	58.242	ng		93
71)	Phenanthrene	17.533	178	741083	55.901	ng		99
72)	Anthracene	17.627	178	732838	55.919	ng		99
73)	Carbazole	17.891	167	712511	54.895	ng		100
74)	Di-n-butylphthalate	18.443	149	797141	56.218	ng		98
75)	Fluoranthene	19.536	202	936560	55.654	ng		99
77)	Benzidine	19.712	184	356257	60.677	ng		98
78)	Pyrene	19.900	202	926858	58.696	ng		99
80)	Butylbenzylphthalate	20.775	149	346123	61.792	ng		97
81)	Benzo(a)anthracene	21.756	228	887582	58.228	ng		98
82)	3,3'-Dichlorobenzidine	21.662	252	325469	60.463	ng		99
83)	Chrysene	21.827	228	817319	57.034	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.651	149	467941	61.428	ng		99
85)	Di-n-octyl phthalate	22.890	149	787779	62.120	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	28.876	276	1013634	61.363	ng	#	98
88)	Benzo(b)fluoranthene	24.036	252	855331	57.081	ng		98
89)	Benzo(k)fluoranthene	24.100	252	836154	56.716	ng		97
90)	Benzo(a)pyrene	24.929	252	731029	57.634	ng		99
91)	Dibenzo(a,h)anthracene	28.935	278	827582	60.802	ng		97
92)	Benzo(g,h,i)perylene	30.063	276	820023	60.889	ng		99

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

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