Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
Data File : BG056460.D
Acq On : 27 Jan 2023 16:25
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 27 23:48:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 23:42:35 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.281	152	39152	20.000	ng		0.00
21) Naphthalene-d8	11.119	136	150317	20.000	ng	#	0.00
39) Acenaphthene-d10	14.903	164	122856	20.000	ng		0.00
64) Phenanthrene-d10	17.641	188	294335	20.000	ng		0.00
76) Chrysene-d12	21.936	240	274099	20.000	ng		0.00
86) Perylene-d12	25.361	264	308431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.802	112	310836	146.048	ng		0.00
7) Phenol-d6	7.429	99	472515	149.840	ng		0.00
23) Nitrobenzene-d5	9.462	82	406722	153.647	ng		0.00
42) 2,4,6-Tribromophenol	16.389	330	253996	155.511	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1349037	152.238	ng		0.00
79) Terphenyl-d14	20.220	244	2280169	146.108	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.598	88	58943	66.511	ng		99
3) Pyridine	4.021	79	198853m	75.720	ng		
4) n-Nitrosodimethylamine	3.933	42	42078	74.899	ng		93
6) Aniline	7.599	93	307451	74.466	ng		96
8) 2-Chlorophenol	7.846	128	169117	72.332	ng		99
10) Phenol	7.458	94	238790	74.503	ng		99
11) bis(2-Chloroethyl)ether	7.688	93	163021	73.999	ng		95
12) 1,3-Dichlorobenzene	8.169	146	195464	72.610	ng		95
13) 1,4-Dichlorobenzene	8.316	146	198234	72.714	ng		99
14) 1,2-Dichlorobenzene	8.645	146	191647	72.456	ng		95
15) Benzyl Alcohol	8.522	79	166245	76.837	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.810	45	35035	75.056	ng		94
17) 2-Methylphenol	8.722	107	180483	74.019	ng		94
18) Hexachloroethane	9.380	117	59975	72.736	ng		93
19) n-Nitroso-di-n-propyla...	9.092	70	136998	75.386	ng		98
20) 3+4-Methylphenols	9.057	107	261560	76.544	ng		99
22) Acetophenone	9.115	105	307422	76.973	ng	#	99
24) Nitrobenzene	9.509	77	198530	77.753	ng		98
25) Isophorone	10.032	82	421312	77.148	ng		100
26) 2-Nitrophenol	10.214	139	123036	79.419	ng		99
27) 2,4-Dimethylphenol	10.267	122	201130	78.093	ng		98
28) bis(2-Chloroethoxy)met...	10.496	93	228920	75.880	ng		95
29) 2,4-Dichlorophenol	10.761	162	234778	80.448	ng		99
30) 1,2,4-Trichlorobenzene	10.972	180	251504	77.551	ng		98
31) Naphthalene	11.166	128	619174	78.042	ng		99
32) Benzoic acid	10.461	122	129282m	88.286	ng		
33) 4-Chloroaniline	11.272	127	282716	76.339	ng		99
34) Hexachlorobutadiene	11.442	225	177432	77.943	ng		98
35) Caprolactam	12.071	113	71764m	72.912	ng		
36) 4-Chloro-3-methylphenol	12.376	107	224615	79.697	ng		98
37) 2-Methylnaphthalene	12.752	142	508059	77.676	ng		99
38) 1-Methylnaphthalene	12.970	142	473684	77.543	ng		97
40) 1,2,4,5-Tetrachloroben...	13.111	216	351911	78.405	ng		100
41) Hexachlorocyclopentadiene	13.087	237	190472	95.477	ng		99
43) 2,4,6-Trichlorophenol	13.346	196	231741	80.121	ng		99
44) 2,4,5-Trichlorophenol	13.422	196	270996	80.506	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.739	154	689815	77.412	ng		100
47)	2-Chloronaphthalene	13.792	162	538555	77.321	ng		98
48)	2-Nitroaniline	13.992	65	111309	77.305	ng		99
49)	Acenaphthylene	14.632	152	865111	76.341	ng		98
50)	Dimethylphthalate	14.350	163	746697	75.125	ng		99
51)	2,6-Dinitrotoluene	14.474	165	161577	74.543	ng		99
52)	Acenaphthene	14.967	154	518070	77.093	ng		98
53)	3-Nitroaniline	14.809	138	157597	74.997	ng		99
54)	2,4-Dinitrophenol	15.014	184	115393	84.918	ng		95
55)	Dibenzofuran	15.302	168	912408	75.708	ng		100
56)	4-Nitrophenol	15.114	139	114244	79.986	ng		97
57)	2,4-Dinitrotoluene	15.261	165	229437	75.148	ng		98
58)	Fluorene	15.943	166	721648	75.252	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.526	232	244812	81.305	ng		98
60)	Diethylphthalate	15.696	149	683507	73.233	ng		98
61)	4-Chlorophenyl-phenyle...	15.925	204	449382	76.796	ng		99
62)	4-Nitroaniline	15.972	138	157053	74.691	ng		98
63)	Azobenzene	16.219	77	478686	74.538	ng		99
65)	4,6-Dinitro-2-methylph...	16.025	198	173927	84.050	ng		98
66)	n-Nitrosodiphenylamine	16.142	169	656296	78.754	ng		99
67)	4-Bromophenyl-phenylether	16.818	248	305846	81.169	ng		96
68)	Hexachlorobenzene	16.947	284	294592	79.825	ng		99
69)	Atrazine	17.077	200	230479	71.689	ng		99
70)	Pentachlorophenol	17.288	266	192625	86.530	ng		99
71)	Phenanthrene	17.688	178	1177477	76.435	ng		99
72)	Anthracene	17.776	178	1207223	76.341	ng		98
73)	Carbazole	18.040	167	1010866	75.055	ng		100
74)	Di-n-butylphthalate	18.569	149	1070897	75.726	ng		99
75)	Fluoranthene	19.679	202	1437721	73.946	ng		99
77)	Benzidine	19.844	184	499556	67.349	ng		100
78)	Pyrene	20.038	202	1452849	74.526	ng		99
80)	Butylbenzylphthalate	20.890	149	463427	77.839	ng		100
81)	Benzo(a)anthracene	21.912	228	1469355	76.678	ng		99
82)	3,3'-Dichlorobenzidine	21.812	252	512324	74.242	ng		99
83)	Chrysene	21.989	228	1386406	77.010	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.771	149	660196	77.343	ng		100
85)	Di-n-octyl phthalate	23.046	149	1101362	77.477	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.327	276	1756938	77.818	ng	#	96
88)	Benzo(b)fluoranthene	24.274	252	1469192	76.744	ng		99
89)	Benzo(k)fluoranthene	24.345	252	1480029	76.593	ng		99
90)	Benzo(a)pyrene	25.208	252	1450828	76.934	ng		98
91)	Dibenzo(a,h)anthracene	29.386	278	1462950	77.195	ng		100
92)	Benzo(g,h,i)perylene	30.578	276	1433540	78.394	ng		99

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

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