Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056635.D
Acq On : 15 Feb 2023 15:43
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 16 01:23:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:15:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.440	152	16890	20.000	ng		0.00
21) Naphthalene-d8	11.278	136	70093	20.000	ng		0.00
39) Acenaphthene-d10	15.044	164	56024	20.000	ng		0.00
64) Phenanthrene-d10	17.777	188	143005	20.000	ng		0.00
76) Chrysene-d12	22.095	240	135545	20.000	ng		0.00
86) Perylene-d12	25.644	264	148179	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.938	112	20289	19.545	ng		0.00
7) Phenol-d6	7.553	99	29234	19.065	ng		0.00
23) Nitrobenzene-d5	9.610	82	20921	15.282	ng		0.00
42) 2,4,6-Tribromophenol	16.519	330	13724	17.892	ng		0.00
45) 2-Fluorobiphenyl	13.675	172	80455	19.230	ng		0.00
79) Terphenyl-d14	20.344	244	159015	19.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.758	88	4318	9.488	ng		96
3) Pyridine	4.187	79	13600	9.448	ng		93
4) n-Nitrosodimethylamine	4.093	42	6412	9.556	ng		87
6) Aniline	7.741	93	20900	9.807	ng		97
8) 2-Chlorophenol	7.994	128	9774	9.516	ng		97
9) Benzaldehyde	7.559	77	9370	11.555	ng		98
10) Phenol	7.583	94	14679	9.358	ng		94
11) bis(2-Chloroethyl)ether	7.835	93	11968	10.169	ng		91
12) 1,3-Dichlorobenzene	8.329	146	12169	9.944	ng		98
13) 1,4-Dichlorobenzene	8.476	146	12432	10.088	ng		92
14) 1,2-Dichlorobenzene	8.805	146	11817	9.976	ng		98
15) Benzyl Alcohol	8.664	79	13239	9.642	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.969	45	16737	10.589	ng		93
17) 2-Methylphenol	8.858	107	10559	9.579	ng		94
18) Hexachloroethane	9.539	117	3814	9.770	ng		91
19) n-Nitroso-di-n-propyla...	9.239	70	11873	10.343	ng	#	97
20) 3+4-Methylphenols	9.187	107	15045	9.936	ng		96
22) Acetophenone	9.263	105	20624	9.630	ng		96
24) Nitrobenzene	9.657	77	11709	9.620	ng		94
25) Isophorone	10.180	82	32212	9.668	ng	#	94
26) 2-Nitrophenol	10.379	139	4837	8.581	ng	#	79
27) 2,4-Dimethylphenol	10.409	122	12024	9.335	ng		89
28) bis(2-Chloroethoxy)met...	10.655	93	17252	10.161	ng	#	97
29) 2,4-Dichlorophenol	10.908	162	11376	8.911	ng		96
30) 1,2,4-Trichlorobenzene	11.131	180	14344	9.432	ng		96
31) Naphthalene	11.331	128	37590	9.676	ng	#	96
32) Benzoic acid	10.462	122	6485	7.796	ng	#	72
33) 4-Chloroaniline	11.419	127	17367	9.785	ng		95
34) Hexachlorobutadiene	11.613	225	10165	9.353	ng		95
35) Caprolactam	12.160	113	3804	9.264	ng	#	79
36) 4-Chloro-3-methylphenol	12.500	107	12851	9.128	ng		97
37) 2-Methylnaphthalene	12.900	142	29423	9.593	ng		98
38) 1-Methylnaphthalene	13.117	142	28124	9.826	ng		97
40) 1,2,4,5-Tetrachloroben...	13.258	216	20100	9.651	ng		97
41) Hexachlorocyclopentadiene	13.241	237	10071	8.916	ng		100
43) 2,4,6-Trichlorophenol	13.482	196	10556	8.354	ng		93

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44)	2,4,5-Trichlorophenol	13.552	196	12980	8.571	ng		92
46)	1,1'-Biphenyl	13.881	154	41004	9.662	ng		96
47)	2-Chloronaphthalene	13.934	162	31523	9.386	ng		97
48)	2-Nitroaniline	14.116	65	5733	10.466	ng		89
49)	Acenaphthylene	14.768	152	52128	9.553	ng		98
50)	Dimethylphthalate	14.480	163	42998	9.284	ng		98
51)	2,6-Dinitrotoluene	14.598	165	6902	9.857	ng	#	83
52)	Acenaphthene	15.109	154	32165	9.556	ng		94
53)	3-Nitroaniline	14.927	138	7628	8.485	ng		87
54)	2,4-Dinitrophenol	15.127	184	4977	9.302	ng	#	77
55)	Dibenzofuran	15.438	168	54840	9.644	ng		98
56)	4-Nitrophenol	15.197	139	5979	8.681	ng	#	70
57)	2,4-Dinitrotoluene	15.374	165	9294	8.228	ng	#	84
58)	Fluorene	16.079	166	42953	9.553	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.650	232	11380m	8.563	ng		
60)	Diethylphthalate	15.826	149	43224	9.252	ng		98
61)	4-Chlorophenyl-phenyle...	16.067	204	25675	9.347	ng		99
62)	4-Nitroaniline	16.073	138	7605	8.117	ng	#	83
63)	Azobenzene	16.355	77	45123	9.651	ng		97
65)	4,6-Dinitro-2-methylph...	16.131	198	6420	8.694	ng		91
66)	n-Nitrosodiphenylamine	16.272	169	39812	9.570	ng		98
67)	4-Bromophenyl-phenylether	16.960	248	17720	9.651	ng		94
68)	Hexachlorobenzene	17.083	284	17427	9.316	ng		96
69)	Atrazine	17.207	200	14593	9.135	ng		97
70)	Pentachlorophenol	17.412	266	10258	8.281	ng		96
71)	Phenanthrene	17.824	178	75540	9.709	ng		97
72)	Anthracene	17.912	178	77911	9.787	ng		99
73)	Carbazole	18.170	167	66447	9.682	ng		97
74)	Di-n-butylphthalate	18.705	149	68334	8.898	ng		99
75)	Fluoranthene	19.804	202	98068	9.553	ng		98
77)	Benzidine	19.968	184	29964	9.243	ng		99
78)	Pyrene	20.162	202	98910	9.662	ng		98
80)	Butylbenzylphthalate	21.037	149	25208	8.200	ng		97
81)	Benzo(a)anthracene	22.072	228	94433	9.368	ng		99
82)	3,3'-Dichlorobenzidine	21.972	252	29679	9.075	ng		96
83)	Chrysene	22.148	228	89528	9.501	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.954	149	39421	8.558	ng		96
85)	Di-n-octyl phthalate	23.282	149	63394	8.280	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.721	276	109422	9.429	ng	#	98
88)	Benzo(b)fluoranthene	24.504	252	94440	9.756	ng		96
89)	Benzo(k)fluoranthene	24.580	252	90761	9.534	ng		94
90)	Benzo(a)pyrene	25.468	252	88264	9.485	ng		99
91)	Dibenzo(a,h)anthracene	29.804	278	91848	9.556	ng		98
92)	Benzo(g,h,i)perylene	31.002	276	88701	9.445	ng		97

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

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