Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056397.D
Acq On : 24 Jan 2023 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 04:55:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.293	152	34276	20.000	ng		0.00
21) Naphthalene-d8	11.131	136	135050	20.000	ng		0.00
39) Acenaphthene-d10	14.915	164	113139	20.000	ng		0.00
64) Phenanthrene-d10	17.653	188	291147	20.000	ng		0.00
76) Chrysene-d12	21.942	240	256975	20.000	ng	#	0.00
86) Perylene-d12	25.373	264	285298	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.814	112	156080	81.305	ng		0.00
7) Phenol-d6	7.435	99	227638	77.215	ng		0.00
23) Nitrobenzene-d5	9.474	82	193601	73.328	ng		0.00
42) 2,4,6-Tribromophenol	16.395	330	123778	86.384	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	647265	79.001	ng		0.00
79) Terphenyl-d14	20.226	244	1206718	84.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.616	88	33354	38.039	ng		94
3) Pyridine	4.039	79	95342	35.700	ng	#	93
4) n-Nitrosodimethylamine	3.951	42	20570	37.864	ng		96
6) Aniline	7.606	93	149007	38.542	ng		96
8) 2-Chlorophenol	7.853	128	79117	41.416	ng		97
9) Benzaldehyde	7.418	77	56430	32.192	ng		95
10) Phenol	7.465	94	116270	38.889	ng		98
11) bis(2-Chloroethyl)ether	7.700	93	78660	38.823	ng		97
12) 1,3-Dichlorobenzene	8.182	146	98443	42.342	ng		94
13) 1,4-Dichlorobenzene	8.328	146	97024	41.558	ng		94
14) 1,2-Dichlorobenzene	8.657	146	93946	41.703	ng		99
15) Benzyl Alcohol	8.528	79	77492	36.117	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.822	45	17874	49.922	ng	#	74
17) 2-Methylphenol	8.734	107	86318	39.346	ng		97
18) Hexachloroethane	9.392	117	30290	42.707	ng		97
19) n-Nitroso-di-n-propyla...	9.098	70	64334	35.887	ng		97
20) 3+4-Methylphenols	9.063	107	122360	39.671	ng		96
22) Acetophenone	9.122	105	144759	37.909	ng		97
24) Nitrobenzene	9.515	77	94948	36.289	ng		91
25) Isophorone	10.032	82	194111	34.943	ng		95
26) 2-Nitrophenol	10.232	139	56502	42.206	ng		99
27) 2,4-Dimethylphenol	10.273	122	92423	37.852	ng		95
28) bis(2-Chloroethoxy)met...	10.508	93	107787	37.333	ng		96
29) 2,4-Dichlorophenol	10.773	162	106750	39.545	ng		97
30) 1,2,4-Trichlorobenzene	10.984	180	119617	39.048	ng		96
31) Naphthalene	11.184	128	291880	41.067	ng		99
32) Benzoic acid	10.408	122	57522m	31.751	ng		
33) 4-Chloroaniline	11.278	127	134441	39.618	ng		98
34) Hexachlorobutadiene	11.454	225	86083	39.072	ng		94
35) Caprolactam	12.053	113	35859	39.236	ng		89
36) 4-Chloro-3-methylphenol	12.383	107	104055	37.988	ng		100
37) 2-Methylnaphthalene	12.764	142	237485	39.572	ng		97
38) 1-Methylnaphthalene	12.982	142	219825	39.445	ng		98
40) 1,2,4,5-Tetrachloroben...	13.123	216	164686	38.837	ng		100
41) Hexachlorocyclopentadiene	13.099	237	79174	32.749	ng		95
43) 2,4,6-Trichlorophenol	13.358	196	108743	38.782	ng		98

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44) 2,4,5-Trichlorophenol	13.434	196	127775	38.523	ng		98
46) 1,1'-Biphenyl	13.752	154	329451	40.660	ng		98
47) 2-Chloronaphthalene	13.804	162	255316	39.921	ng		97
48) 2-Nitroaniline	13.998	65	56237	41.270	ng		88
49) Acenaphthylene	14.645	152	423481	40.689	ng		99
50) Dimethylphthalate	14.351	163	366270	40.103	ng		99
51) 2,6-Dinitrotoluene	14.480	165	80990	41.616	ng		95
52) Acenaphthene	14.979	154	277688m	41.023	ng		
53) 3-Nitroaniline	14.815	138	80040	43.215	ng		90
54) 2,4-Dinitrophenol	15.021	184	54070	38.891	ng		94
55) Dibenzofuran	15.309	168	455172	40.635	ng		98
56) 4-Nitrophenol	15.115	139	56469	39.642	ng		87
57) 2,4-Dinitrotoluene	15.267	165	114502	42.070	ng		89
58) Fluorene	15.955	166	362475	40.232	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.532	232	112420m	36.097	ng		
60) Diethylphthalate	15.702	149	349830	40.843	ng		99
61) 4-Chlorophenyl-phenyle...	15.937	204	222049	39.493	ng		98
62) 4-Nitroaniline	15.972	138	82380	43.421	ng		91
63) Azobenzene	16.231	77	250935	37.965	ng		97
65) 4,6-Dinitro-2-methylph...	16.031	198	83885	42.764	ng		93
66) n-Nitrosodiphenylamine	16.149	169	335986	41.593	ng		96
67) 4-Bromophenyl-phenylether	16.830	248	152052	41.012	ng		99
68) Hexachlorobenzene	16.959	284	146529	42.362	ng		99
69) Atrazine	17.083	200	136665	40.822	ng		98
70) Pentachlorophenol	17.300	266	92279	34.729	ng		97
71) Phenanthrene	17.694	178	612236	40.577	ng		99
72) Anthracene	17.788	178	632863	40.661	ng		99
73) Carbazole	18.052	167	535084	40.899	ng		99
74) Di-n-butylphthalate	18.575	149	561982	43.091	ng		99
75) Fluoranthene	19.686	202	754423	38.332	ng		99
77) Benzidine	19.850	184	311585	34.599	ng		98
78) Pyrene	20.044	202	754981	41.682	ng		99
80) Butylbenzylphthalate	20.902	149	225277	43.353	ng		96
81) Benzo(a)anthracene	21.924	228	729719	40.429	ng		99
82) 3,3'-Dichlorobenzidine	21.824	252	268709	41.357	ng		99
83) Chrysene	21.995	228	687360	40.656	ng		99
84) Bis(2-ethylhexyl)phtha...	21.777	149	319507	42.678	ng		99
85) Di-n-octyl phthalate	23.058	149	539282	42.670	ng		100
87) Indeno(1,2,3-cd)pyrene	29.333	276	847590	40.850	ng	#	97
88) Benzo(b)fluoranthene	24.280	252	722888	39.880	ng		98
89) Benzo(k)fluoranthene	24.351	252	717603	39.755	ng		100
90) Benzo(a)pyrene	25.215	252	701644	39.686	ng	#	99
91) Dibenzo(a,h)anthracene	29.392	278	711960	40.927	ng		99
92) Benzo(g,h,i)perylene	30.573	276	682823	40.477	ng		98

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

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